

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140762.D
 Acq On : 06 Dec 2024 13:16
 Operator : RC/JU
 Sample : PB165423BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165423BS

Quant Time: Dec 06 12:37:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	87714	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	336659	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	192900	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	363576	20.000	ng	0.00
76) Chrysene-d12	14.057	240	240000	20.000	ng	0.00
86) Perylene-d12	15.556	264	193248	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	710968	138.297	ng	0.02
7) Phenol-d6	6.522	99	926111	136.266	ng	0.00
23) Nitrobenzene-d5	7.439	82	607364	92.280	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	304728	147.705	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1241313	95.878	ng	0.00
79) Terphenyl-d14	12.992	244	1480146	96.033	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	82509	38.173	ng	98
3) Pyridine	3.516	79	198902	41.824	ng	99
4) n-Nitrosodimethylamine	3.469	42	115475	41.313	ng	92
6) Aniline	6.539	93	230946	48.278	ng	# 63
8) 2-Chlorophenol	6.669	128	262537	47.468	ng	94
9) Benzaldehyde	6.428	77	68018	18.905	ng	98
10) Phenol	6.534	94	324940	46.816	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	263909	49.688	ng	97
12) 1,3-Dichlorobenzene	6.810	146	273365	43.987	ng	99
13) 1,4-Dichlorobenzene	6.886	146	280476	44.573	ng	100
14) 1,2-Dichlorobenzene	7.039	146	265286	44.991	ng	100
15) Benzyl Alcohol	7.022	79	234355	46.498	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	297829	47.465	ng	# 61
17) 2-Methylphenol	7.139	107	205938	46.515	ng	94
18) Hexachloroethane	7.381	117	103632	44.095	ng	98
19) n-Nitroso-di-n-propyla...	7.286	70	187861	46.771	ng	97
20) 3+4-Methylphenols	7.292	107	276452	48.580	ng	# 79
22) Acetophenone	7.281	105	367962	44.832	ng	# 94
24) Nitrobenzene	7.457	77	290540	42.711	ng	99
25) Isophorone	7.698	82	513131	46.742	ng	99
26) 2-Nitrophenol	7.775	139	142467	47.260	ng	96
27) 2,4-Dimethylphenol	7.810	122	202034	56.014	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	311986	46.650	ng	99
29) 2,4-Dichlorophenol	8.028	162	233108	48.774	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	240608	44.092	ng	99
31) Naphthalene	8.175	128	784819	45.258	ng	99
32) Benzoic acid	7.963	122	120209	39.752	ng	98
33) 4-Chloroaniline	8.239	127	107878	20.778	ng	98
34) Hexachlorobutadiene	8.286	225	160000	44.267	ng	100
35) Caprolactam	8.610	113	42028	28.415	ng	98
36) 4-Chloro-3-methylphenol	8.727	107	250795	46.868	ng	99
37) 2-Methylnaphthalene	8.863	142	523686	47.546	ng	100
38) 1-Methylnaphthalene	8.963	142	482164	44.661	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	258940	45.853	ng	99
41) Hexachlorocyclopentadiene	9.016	237	195535	147.294	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	162791	45.940	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	173343	45.074	ng	97
46) 1,1'-Biphenyl	9.327	154	664390	46.131	ng	100
47) 2-Chloronaphthalene	9.357	162	496087	45.459	ng	98
48) 2-Nitroaniline	9.463	65	156602	44.708	ng	95
49) Acenaphthylene	9.774	152	796256	48.292	ng	100
50) Dimethylphthalate	9.633	163	612732	48.230	ng	100
51) 2,6-Dinitrotoluene	9.704	165	128701	44.668	ng	94
52) Acenaphthene	9.945	154	484392	46.235	ng	99
53) 3-Nitroaniline	9.874	138	80397	28.530	ng	99
54) 2,4-Dinitrophenol	9.998	184	134351	89.053	ng	90
55) Dibenzofuran	10.122	168	734204	45.945	ng	99
56) 4-Nitrophenol	10.063	139	154405	80.341	ng	93
57) 2,4-Dinitrotoluene	10.116	165	177214	46.278	ng	94
58) Fluorene	10.463	166	596159	46.477	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	156322	52.890	ng	# 91
60) Diethylphthalate	10.333	149	626390	48.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	298099	47.356	ng	98
62) 4-Nitroaniline	10.498	138	134738	45.588	ng	94
63) Azobenzene	10.610	77	583476	47.734	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	97656	52.563	ng	95
66) n-Nitrosodiphenylamine	10.574	169	523926	48.729	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	181461	48.464	ng	96
68) Hexachlorobenzene	11.016	284	206588	47.650	ng	98
69) Atrazine	11.104	200	168177	55.601	ng	98
70) Pentachlorophenol	11.216	266	171479	89.866	ng	99
71) Phenanthrene	11.427	178	849472	48.606	ng	99
72) Anthracene	11.480	178	877387	51.322	ng	99
73) Carbazole	11.639	167	792099	48.163	ng	100
74) Di-n-butylphthalate	11.957	149	993945	52.349	ng	100
75) Fluoranthene	12.621	202	946290	49.870	ng	99
77) Benzidine	12.745	184	232728	33.352	ng	99
78) Pyrene	12.851	202	957620	43.154	ng	99
80) Butylbenzylphthalate	13.462	149	392953	49.155	ng	99
81) Benzo(a)anthracene	14.045	228	790541	49.760	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	169885	35.616	ng	100
83) Chrysene	14.086	228	676595	46.575	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	508592	50.385	ng	98
85) Di-n-octyl phthalate	14.645	149	710648	51.515	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	616440	48.948	ng	99
88) Benzo(b)fluoranthene	15.121	252	558213	45.988	ng	99
89) Benzo(k)fluoranthene	15.151	252	570351	53.695	ng	99
90) Benzo(a)pyrene	15.498	252	516562	52.340	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	511387	49.583	ng	100
92) Benzo(g,h,i)perylene	17.545	276	467548	44.424	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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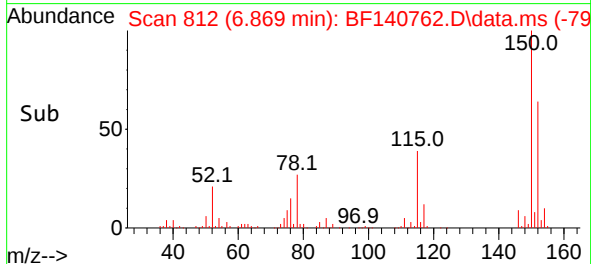
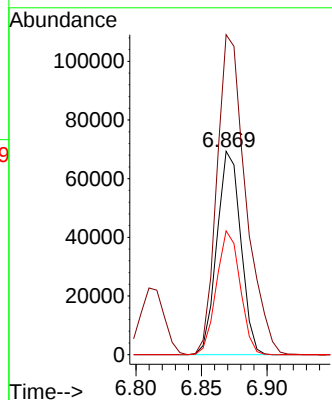
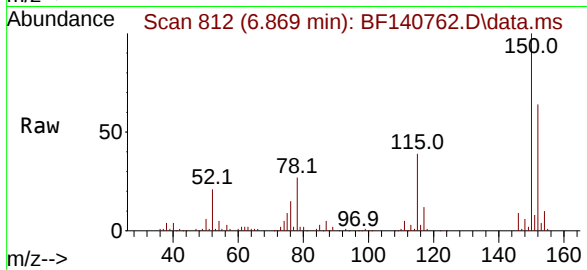




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140762.D
 Acq: 06 Dec 2024 13:16

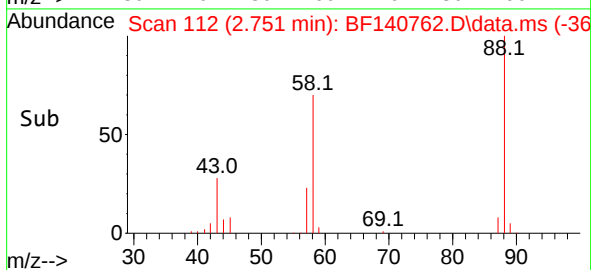
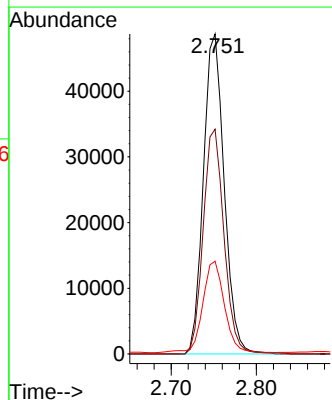
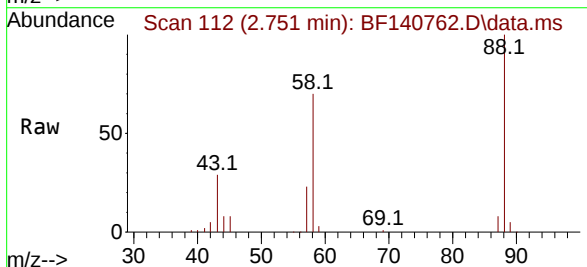
Instrument :
 BNA_F
 ClientSampleId :
 PB165423BS

Tgt Ion:152 Resp: 87714
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.5 192.7
 115 60.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 38.173 ng
 RT: 2.751 min Scan# 112
 Delta R.T. 0.100 min
 Lab File: BF140762.D
 Acq: 06 Dec 2024 13:16

Tgt Ion: 88 Resp: 82509
 Ion Ratio Lower Upper
 88 100
 58 70.4 57.4 86.2
 43 29.7 24.3 36.5





#3

Pyridine

Concen: 41.824 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

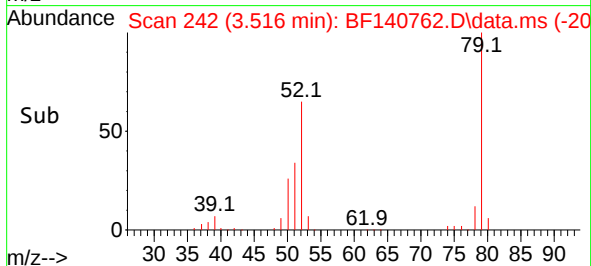
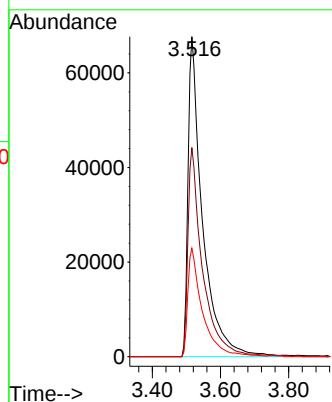
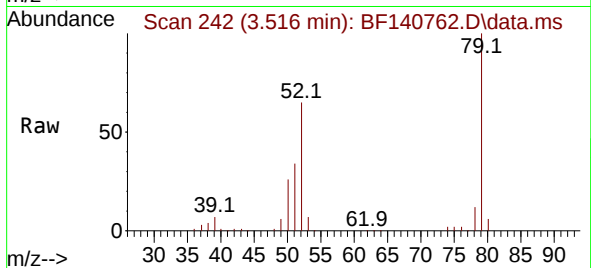
Tgt Ion: 79 Resp: 198902

Ion Ratio Lower Upper

79 100

52 65.3 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.313 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.088 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

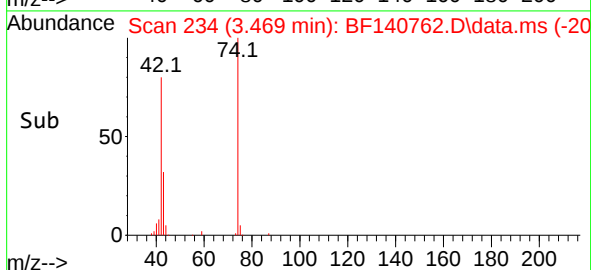
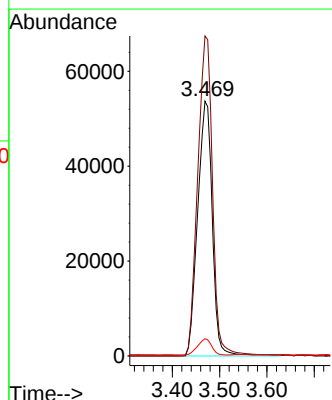
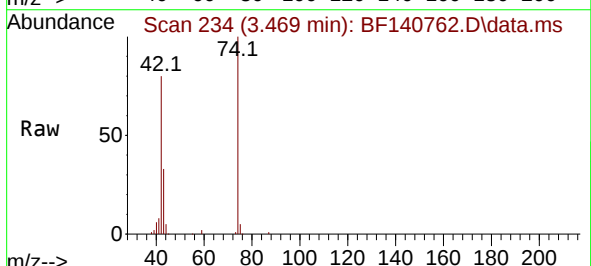
Tgt Ion: 42 Resp: 115475

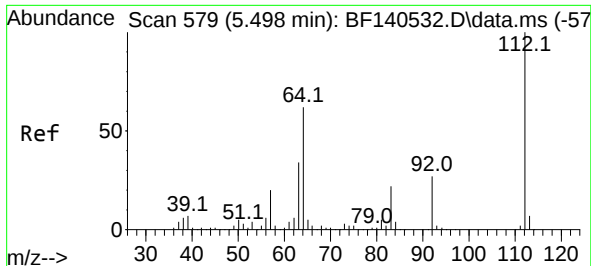
Ion Ratio Lower Upper

42 100

74 125.7 93.8 140.6

44 6.8 4.6 6.8

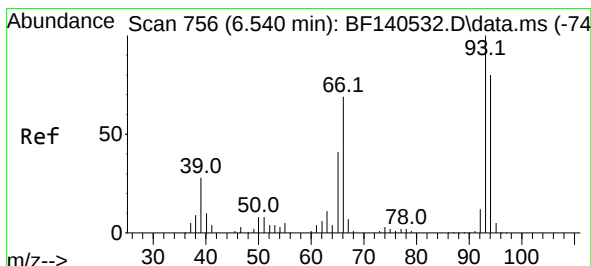
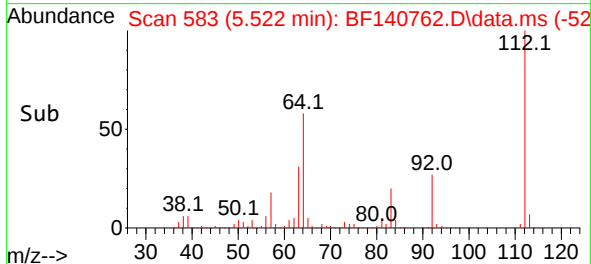
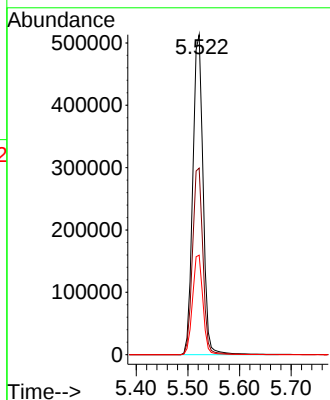
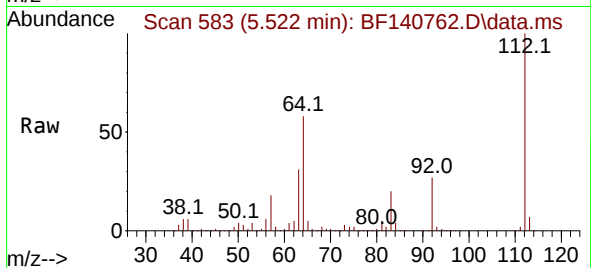




#5
2-Fluorophenol
Concen: 138.297 ng
RT: 5.522 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

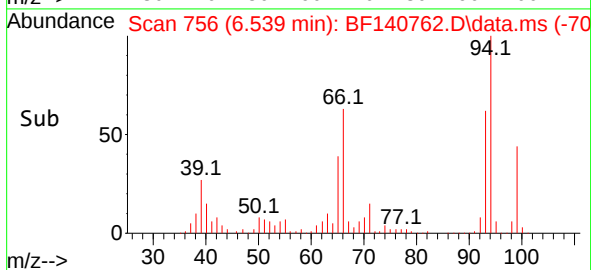
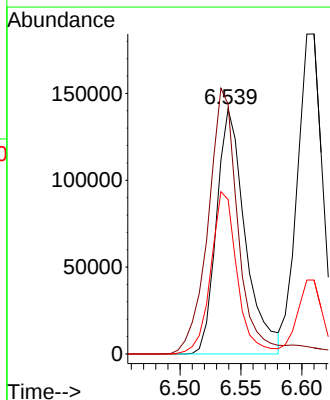
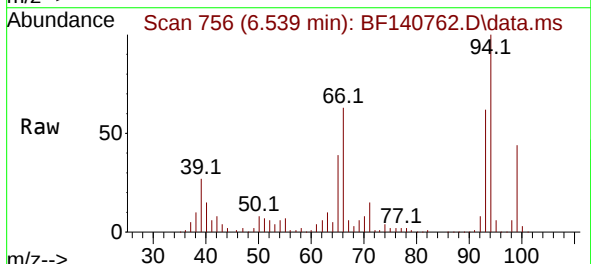
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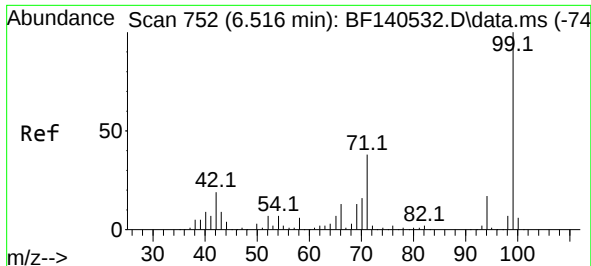
Tgt Ion:112 Resp: 710968
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 31.1 27.0 40.4



#6
Aniline
Concen: 48.278 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion: 93 Resp: 230946
Ion Ratio Lower Upper
93 100
66 101.9 56.5 84.7#
65 63.0 32.9 49.3#





#7

Phenol-d6

Concen: 136.266 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

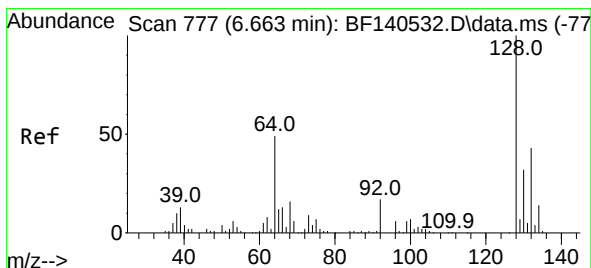
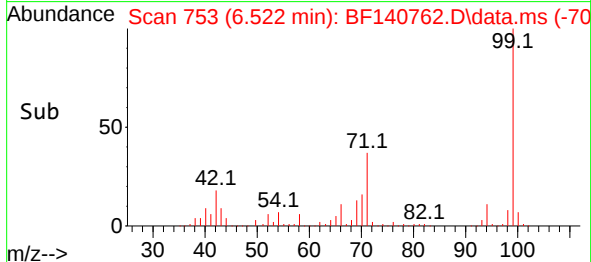
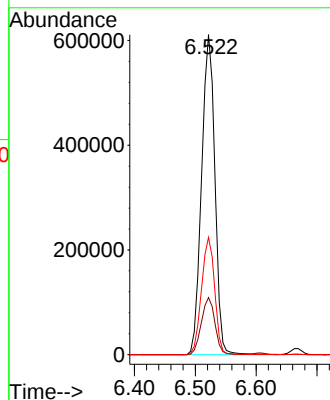
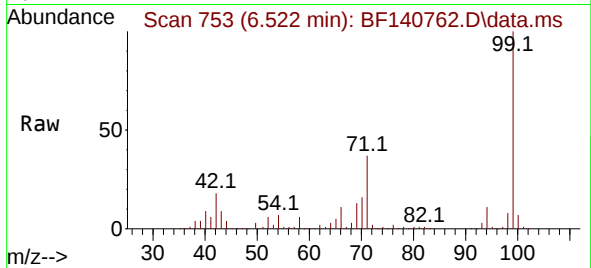
Tgt Ion: 99 Resp: 926111

Ion Ratio Lower Upper

99 100

42 17.9 15.4 23.0

71 36.7 30.6 46.0



#8

2-Chlorophenol

Concen: 47.468 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

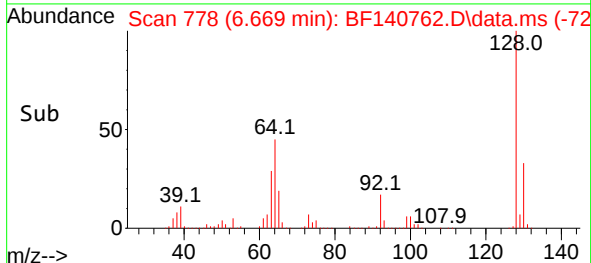
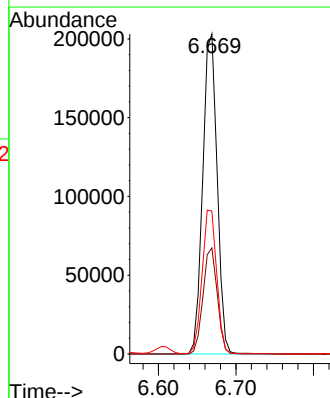
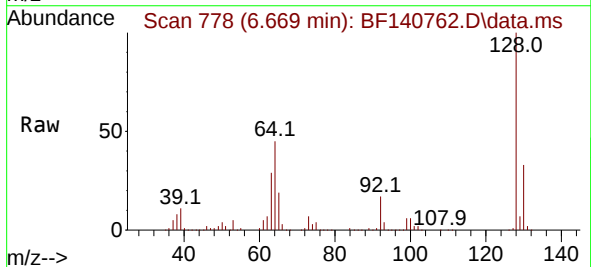
Tgt Ion:128 Resp: 262537

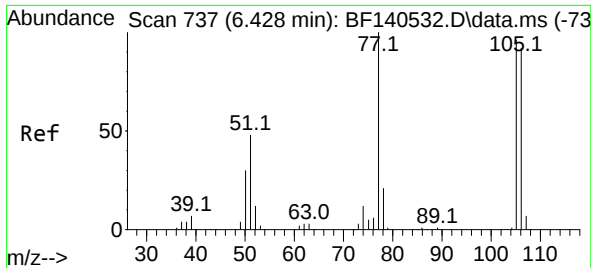
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 44.6 30.2 70.2





#9

Benzaldehyde

Concen: 18.905 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

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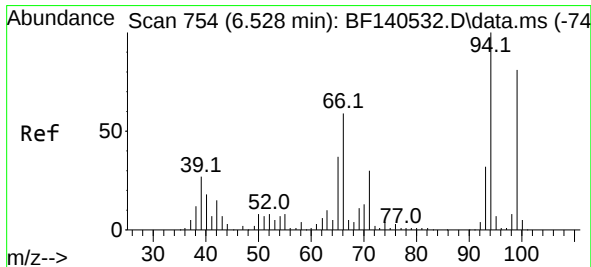
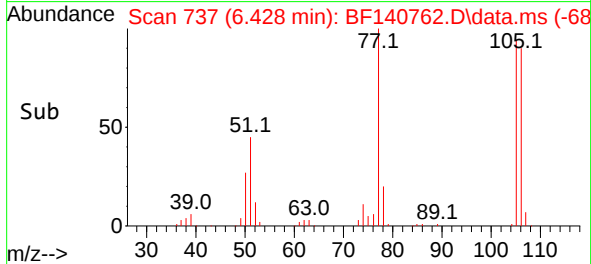
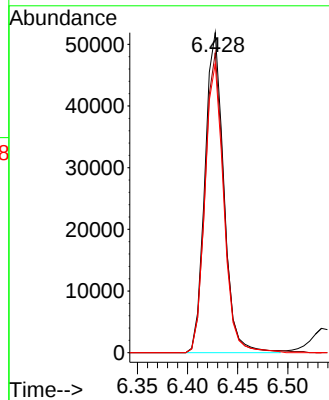
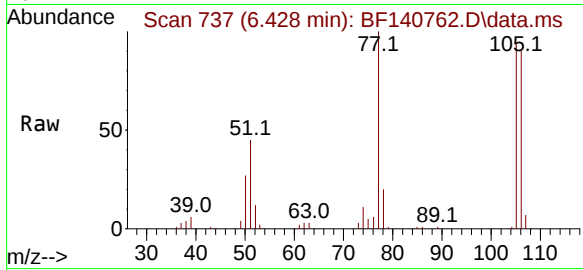
Tgt Ion: 77 Resp: 68018

Ion Ratio Lower Upper

77 100

105 93.7 75.6 115.6

106 90.3 72.0 112.0



#10

Phenol

Concen: 46.816 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

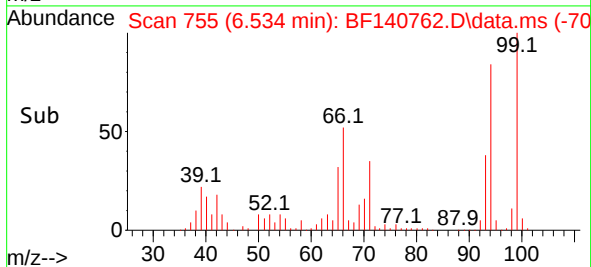
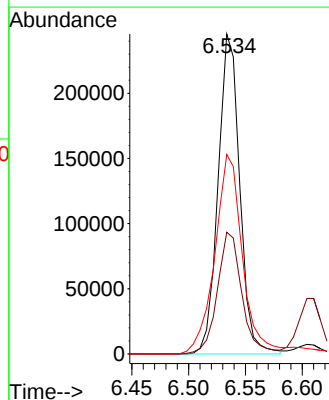
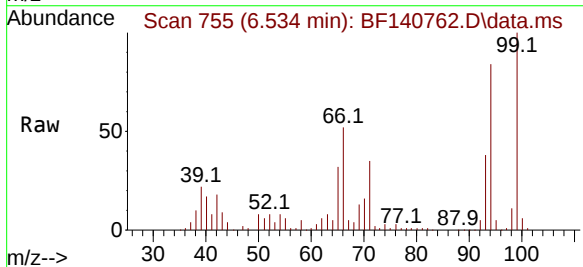
Tgt Ion: 94 Resp: 324940

Ion Ratio Lower Upper

94 100

65 38.0 17.2 57.2

66 62.3 39.2 79.2

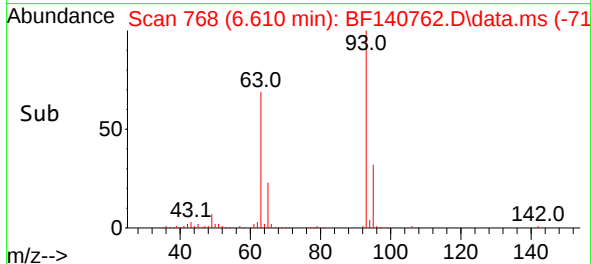
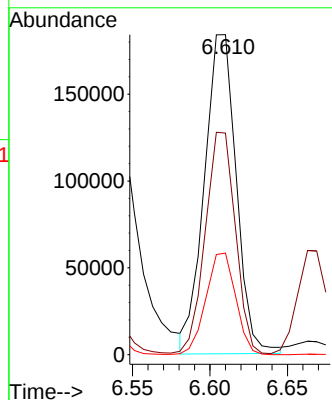
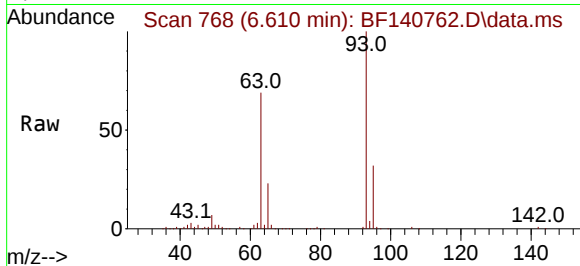




#11
bis(2-Chloroethyl)ether
Concen: 49.688 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

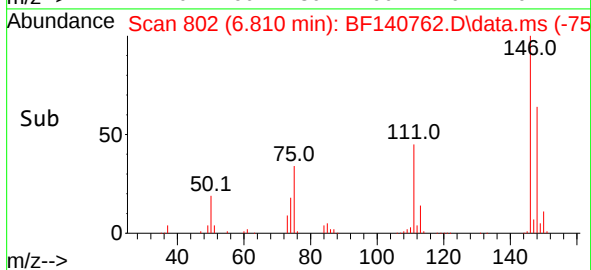
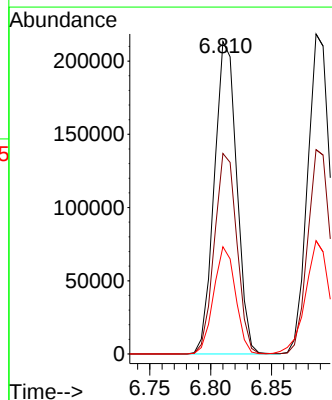
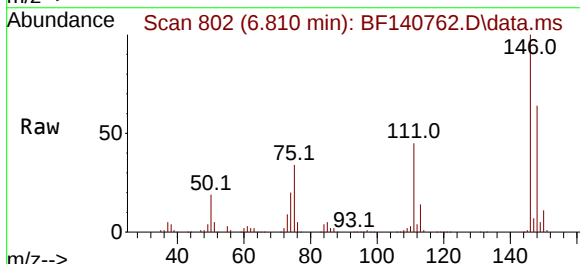
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:	93	Resp:	263909
Ion	Ratio	Lower	Upper
93	100		
63	69.3	52.8	92.8
95	31.8	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 43.987 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:	146	Resp:	273365
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.3	76.9
75	34.3	28.2	42.2

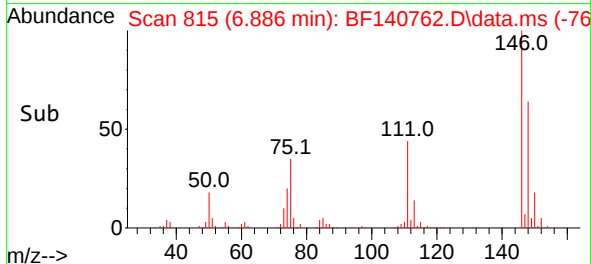
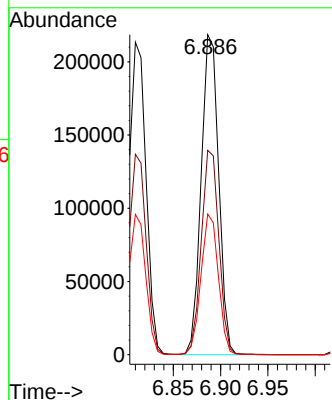
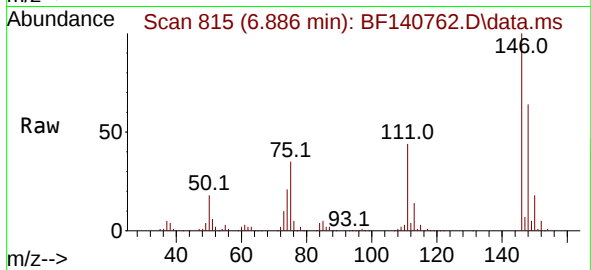




#13
1,4-Dichlorobenzene
Concen: 44.573 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

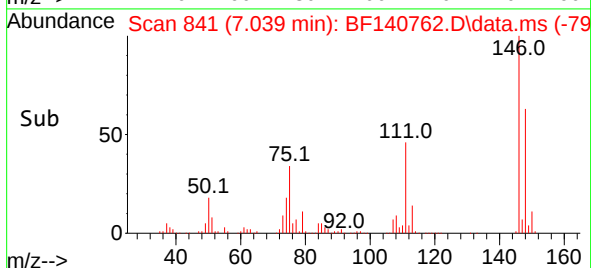
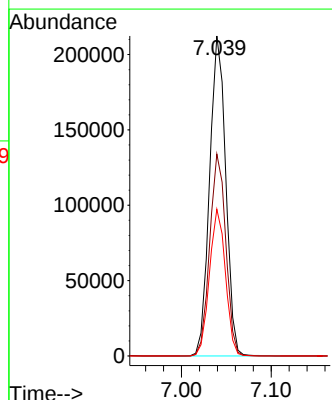
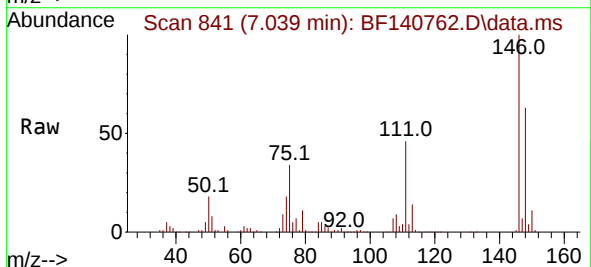
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:146 Resp: 280476
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 44.991 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:146 Resp: 265286
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 45.8 36.7 55.1

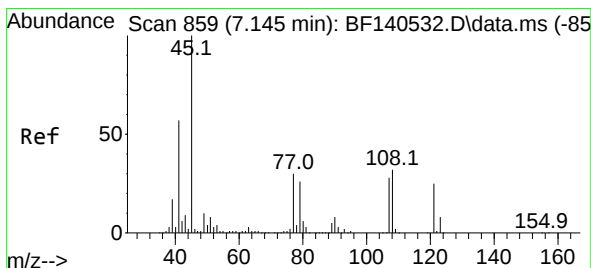
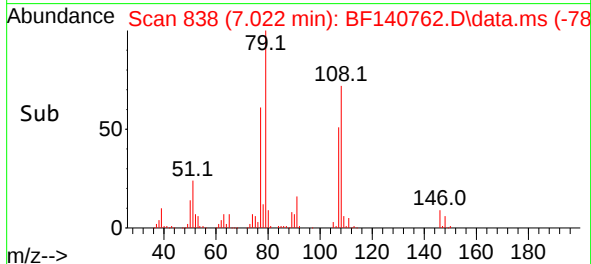
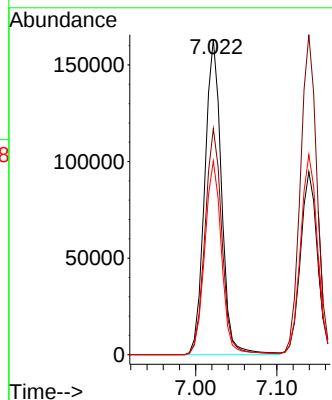
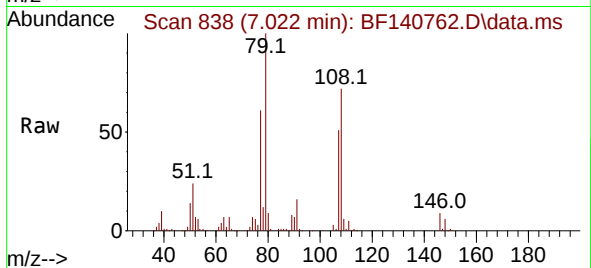




#15
Benzyl Alcohol
Concen: 46.498 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

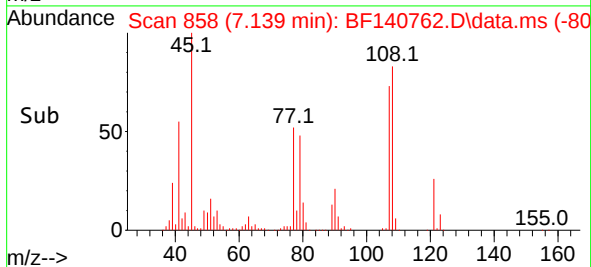
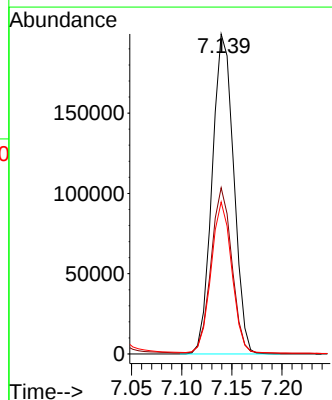
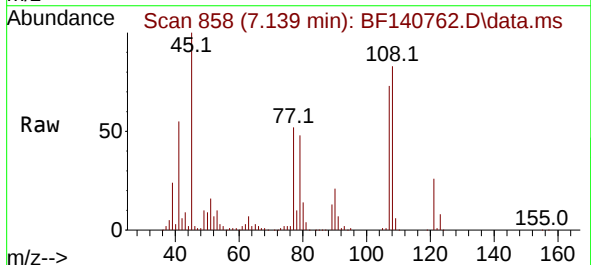
Instrument :
BNA_F
ClientSampleId :
PB165423BS

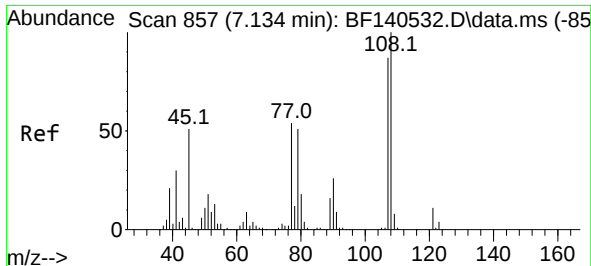
Tgt Ion: 79 Resp: 234355
Ion Ratio Lower Upper
79 100
108 71.7 55.0 82.6
77 61.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.465 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion: 45 Resp: 297829
Ion Ratio Lower Upper
45 100
77 52.0 10.7 50.7#
79 47.5 7.0 47.0#



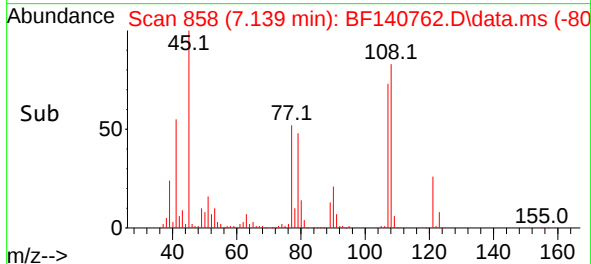
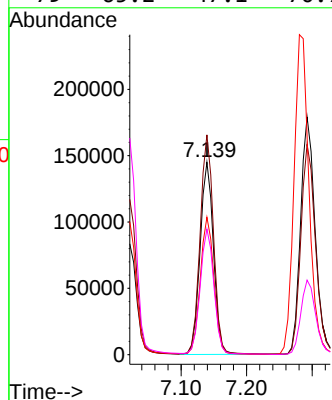
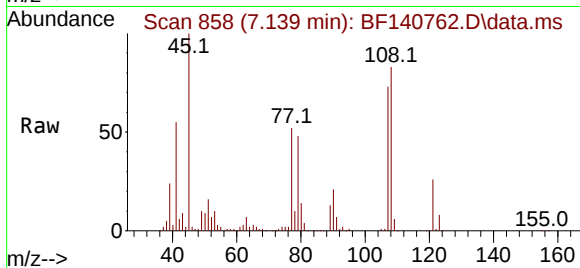


#17
2-Methylphenol
Concen: 46.515 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:107 Resp: 205938

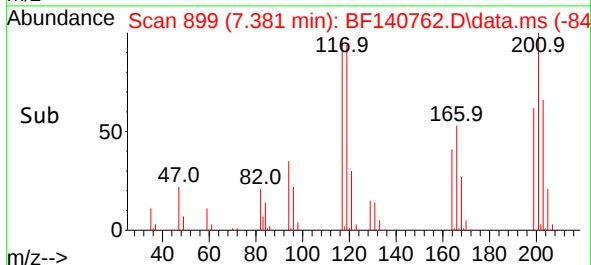
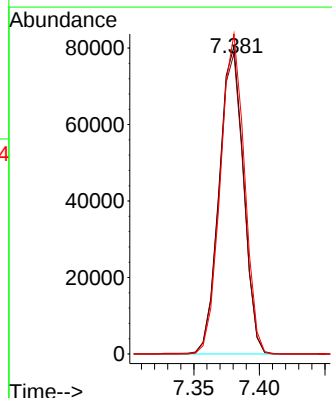
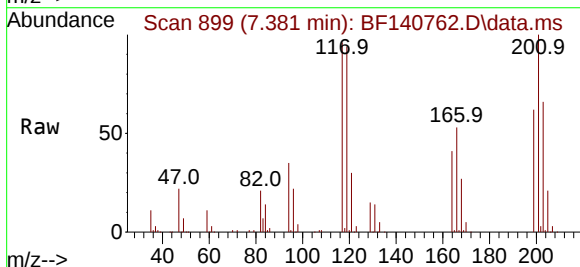
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.7	137.5
77	71.4	49.3	73.9
79	65.2	47.1	70.7

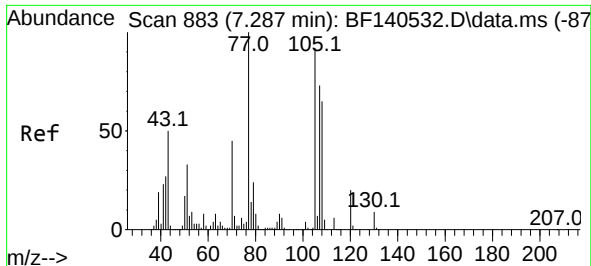


#18
Hexachloroethane
Concen: 44.095 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:117 Resp: 103632

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.1	115.7
201	104.0	81.1	121.7



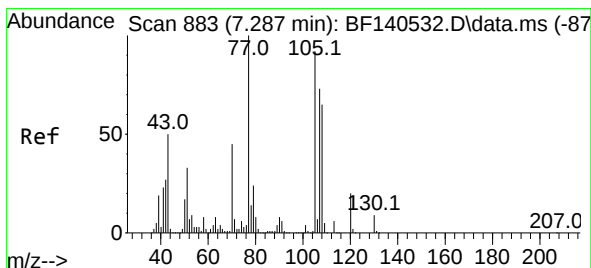
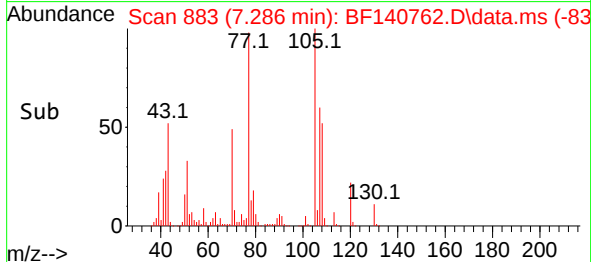
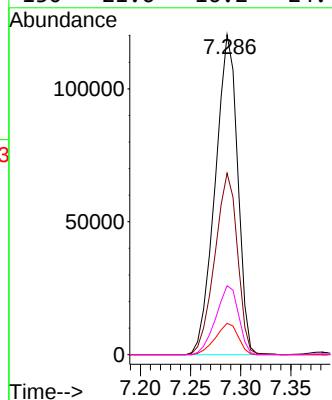
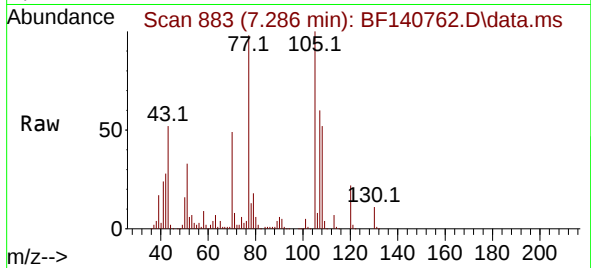


#19
n-Nitroso-di-n-propylamine
Concen: 46.771 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion: 70 Resp: 187861

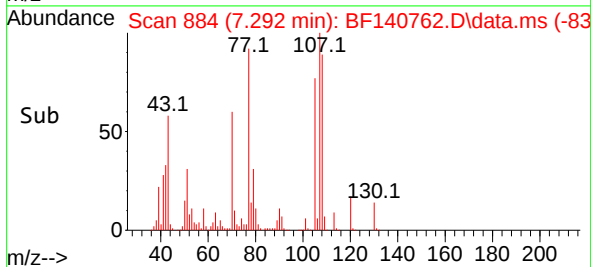
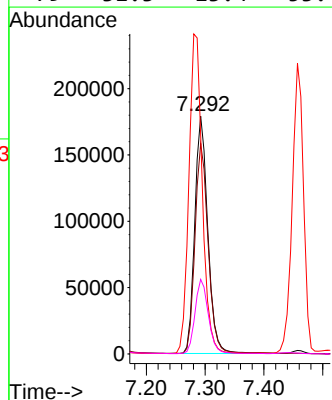
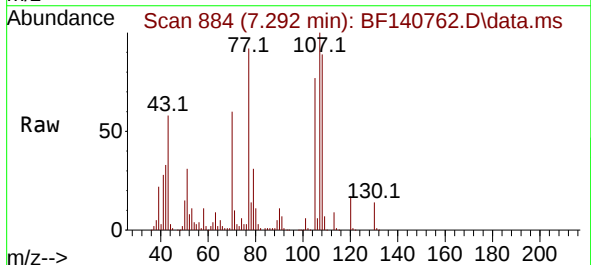
Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.6	71.4
101	9.8	7.6	11.4
130	21.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 48.580 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion: 107 Resp: 276452

Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	91.9	117.7	157.7#
79	31.3	13.4	53.4

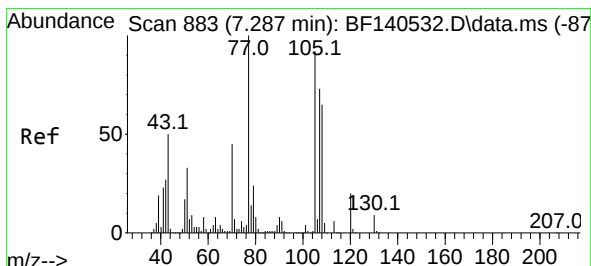
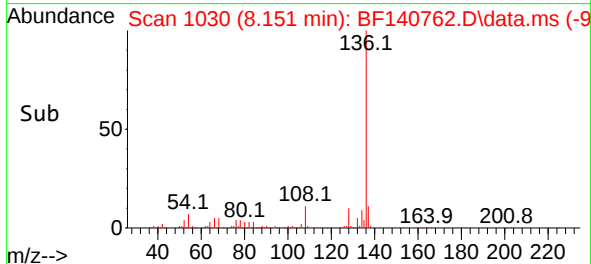
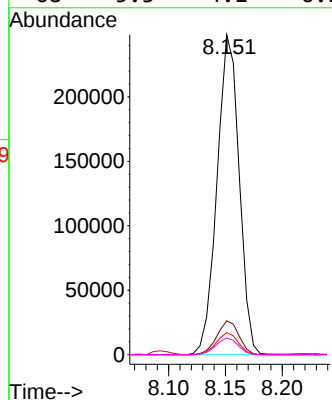
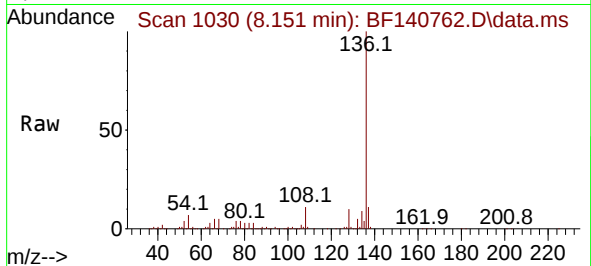




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

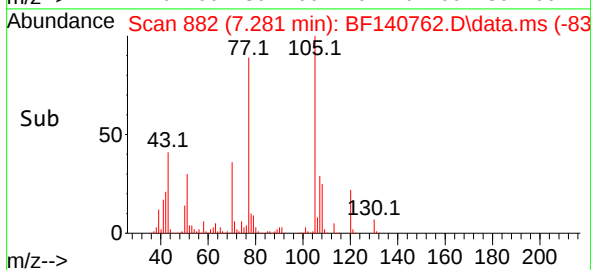
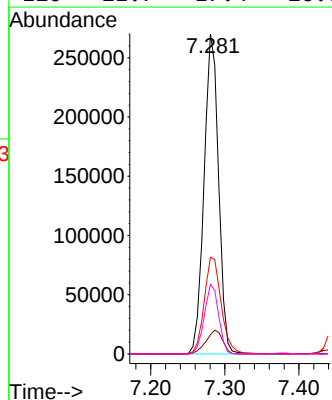
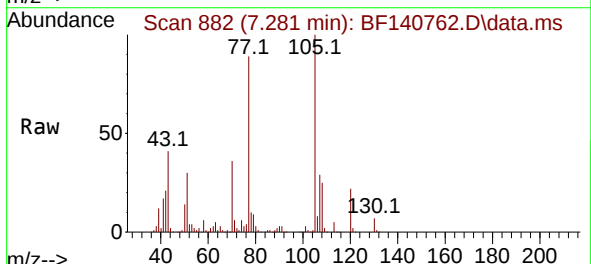
Instrument :
BNA_F
ClientSampleId :
PB165423BS

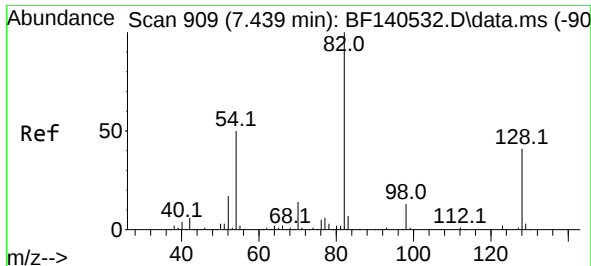
Tgt Ion:136 Resp: 336659
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.9 5.8 8.8
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 44.832 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:105 Resp: 367962
Ion Ratio Lower Upper
105 100
71 6.0 6.2 9.2#
51 30.2 29.0 43.6
120 21.7 17.4 26.0

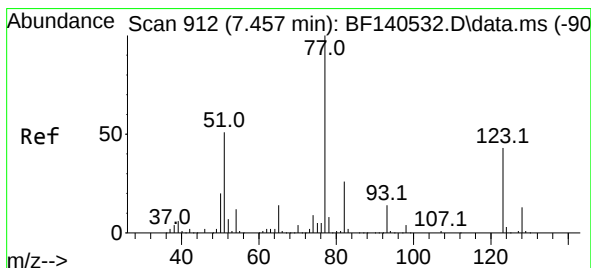
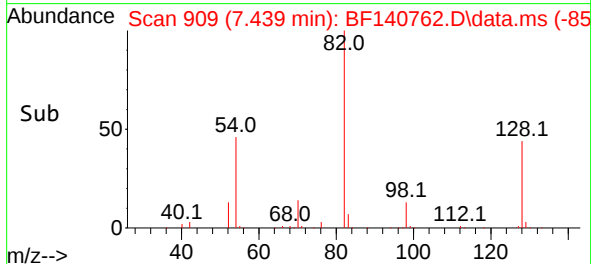
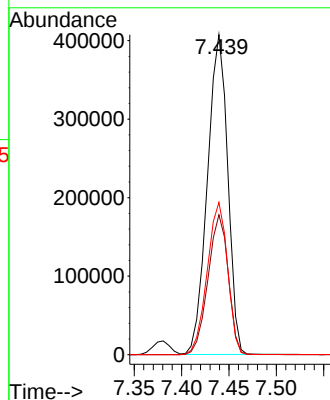
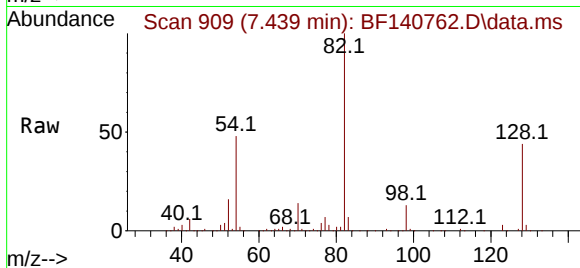




#23
Nitrobenzene-d5
Concen: 92.280 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

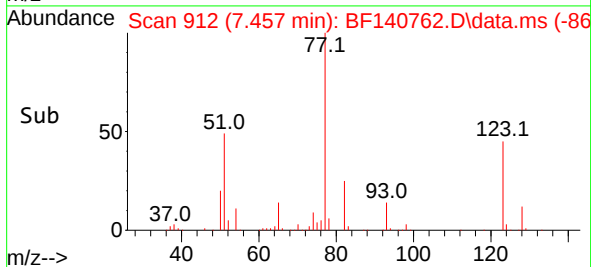
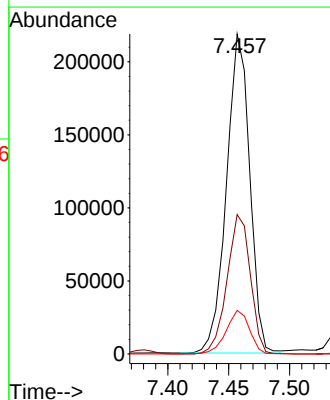
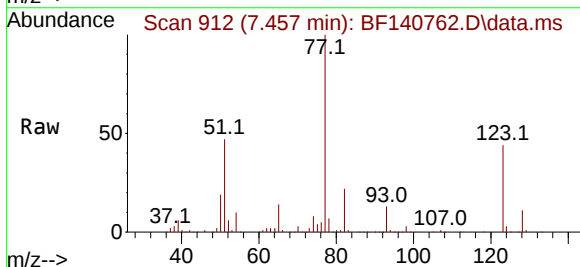
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion: 82 Resp: 607364
Ion Ratio Lower Upper
82 100
128 43.7 33.0 49.4
54 47.6 39.5 59.3



#24
Nitrobenzene
Concen: 42.711 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion: 77 Resp: 290540
Ion Ratio Lower Upper
77 100
123 43.5 34.3 51.5
65 13.6 11.2 16.8

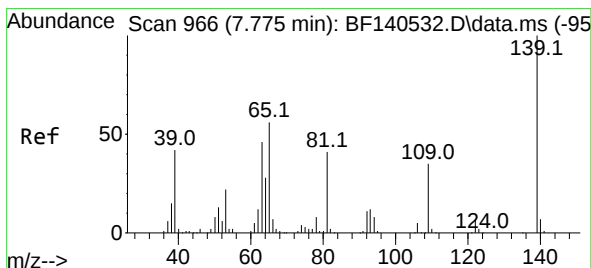
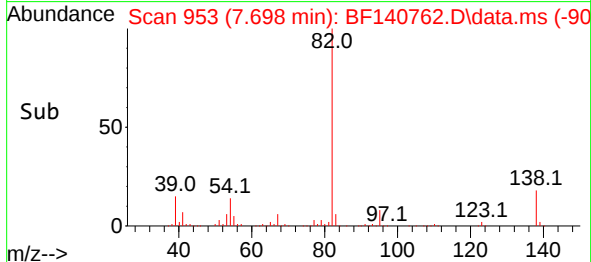
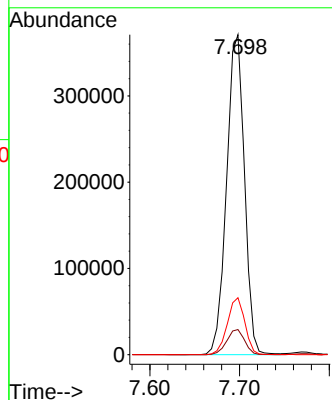
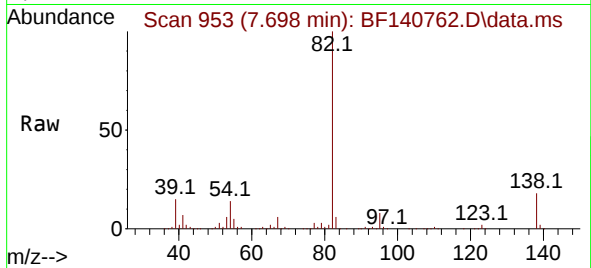




#25
Isophorone
Concen: 46.742 ng
RT: 7.698 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

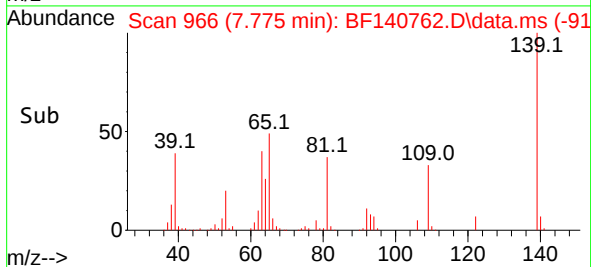
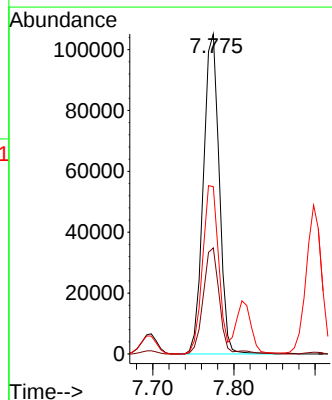
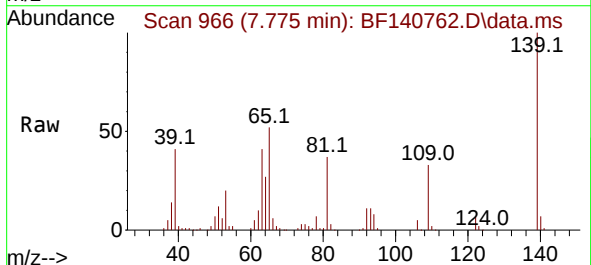
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion: 82 Resp: 513131
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.8 13.8 20.6



#26
2-Nitrophenol
Concen: 47.260 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:139 Resp: 142467
Ion Ratio Lower Upper
139 100
109 33.1 28.0 42.0
65 52.3 44.6 67.0

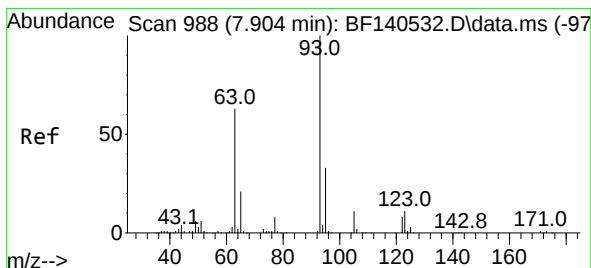
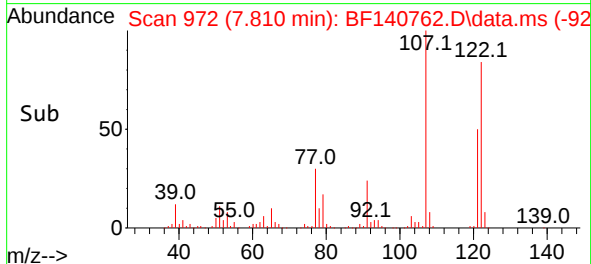
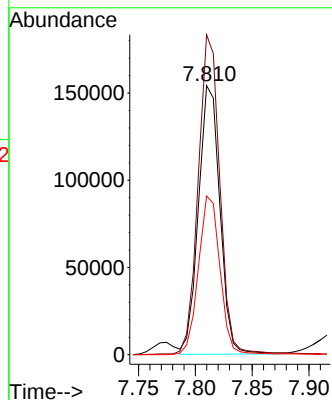
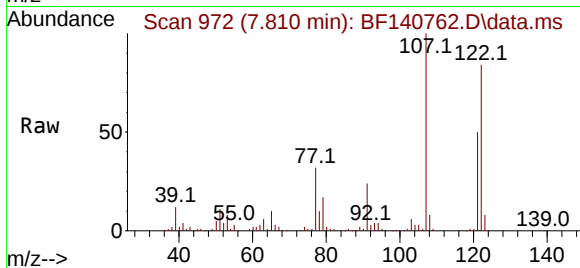




#27
2,4-Dimethylphenol
Concen: 56.014 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

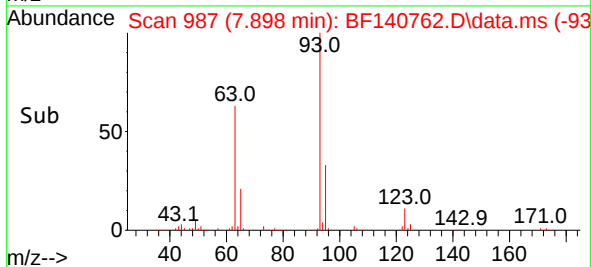
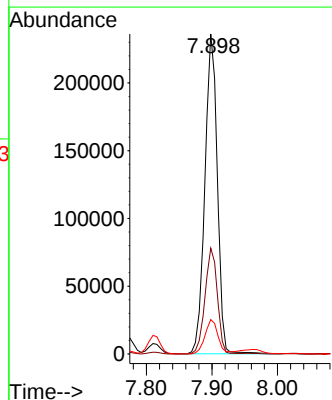
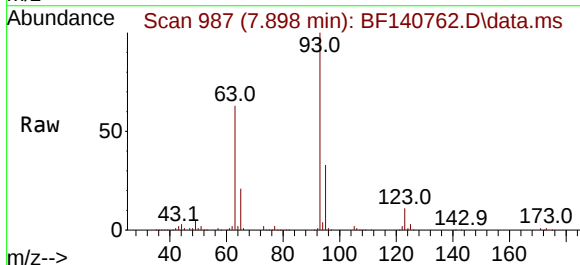
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:122 Resp: 202034
Ion Ratio Lower Upper
122 100
107 118.9 96.8 145.2
121 59.0 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.650 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion: 93 Resp: 311986
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.774 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

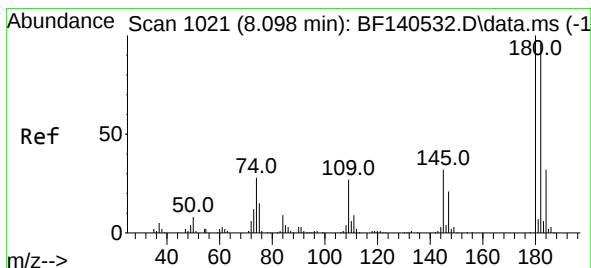
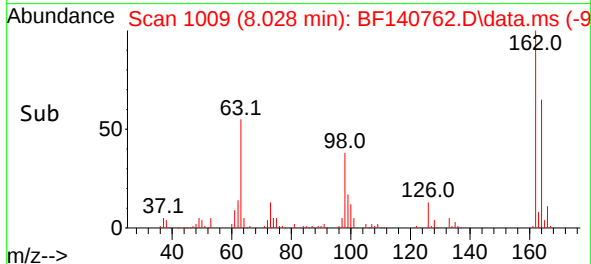
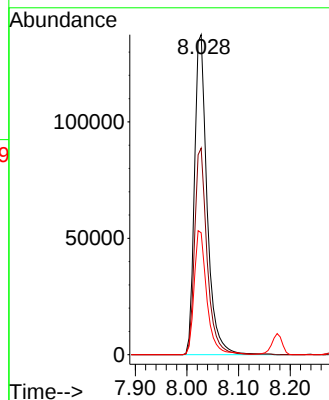
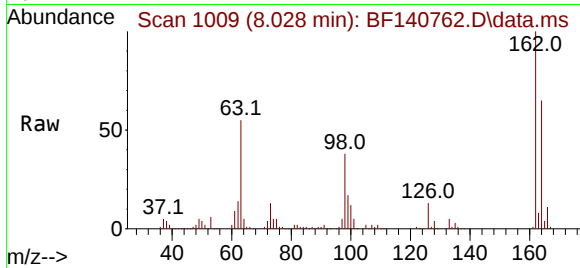
Tgt Ion:162 Resp: 233108

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

98 38.1 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 44.092 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

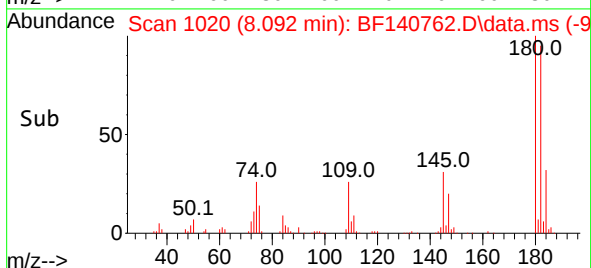
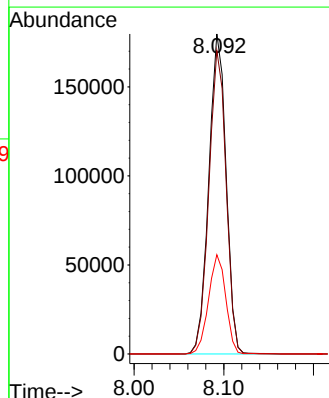
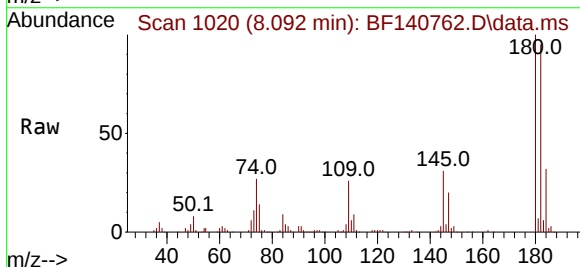
Tgt Ion:180 Resp: 240608

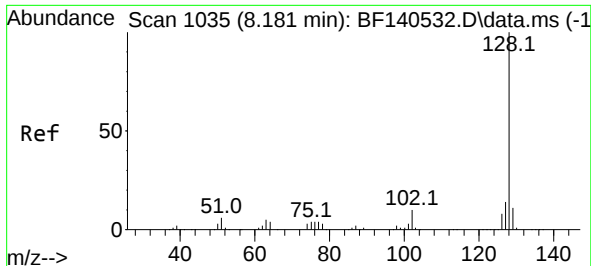
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.0 25.9 38.9

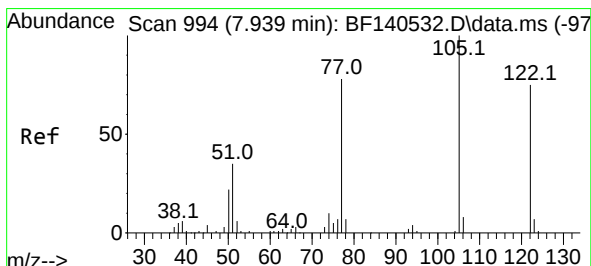
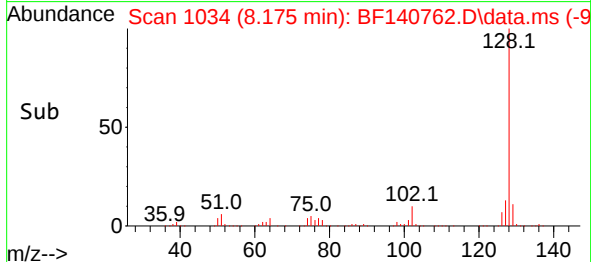
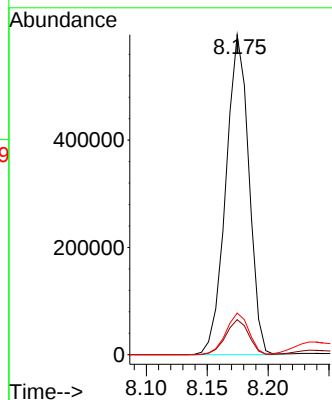
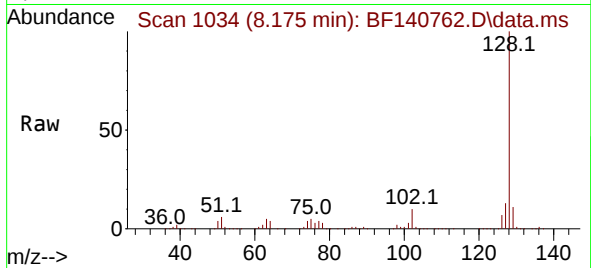




#31
Naphthalene
Concen: 45.258 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

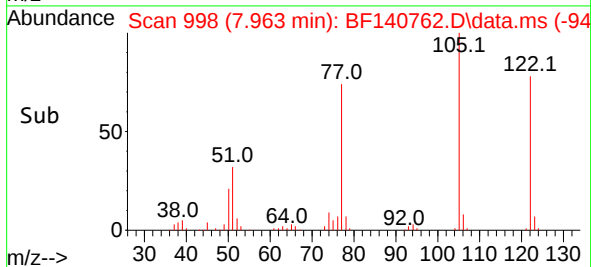
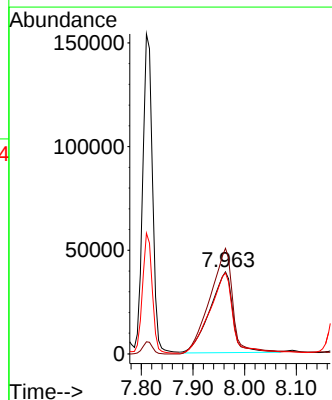
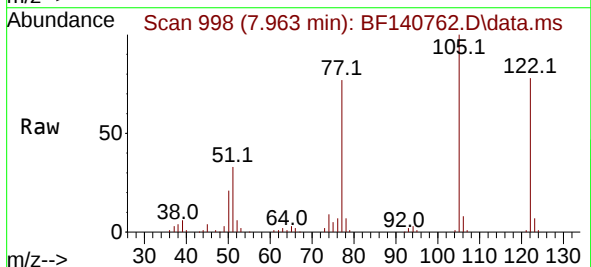
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:128 Resp: 784819
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 39.752 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:122 Resp: 120209
Ion Ratio Lower Upper
122 100
105 128.6 109.3 149.3
77 98.8 82.3 122.3



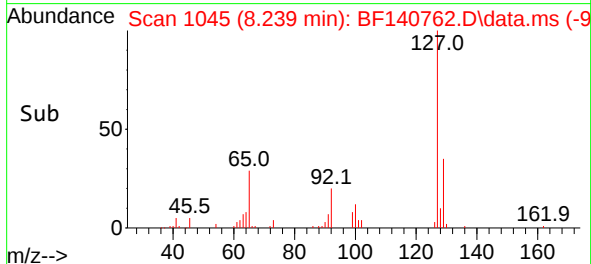
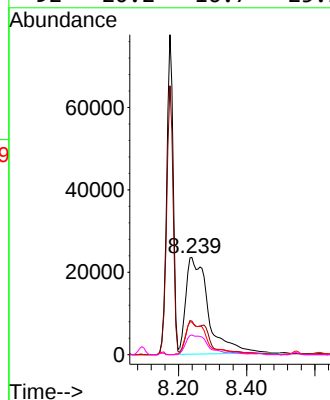
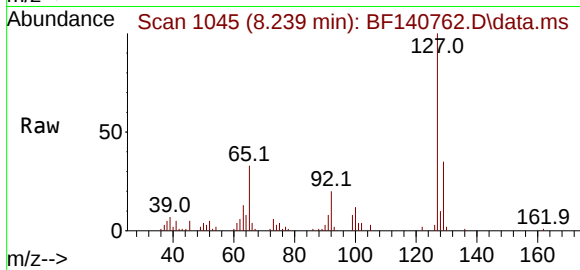


#33
 4-Chloroaniline
 Concen: 20.778 ng
 RT: 8.239 min Scan# 1045
 Delta R.T. 0.012 min
 Lab File: BF140762.D
 Acq: 06 Dec 2024 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB165423BS

Tgt Ion:127 Resp: 107878

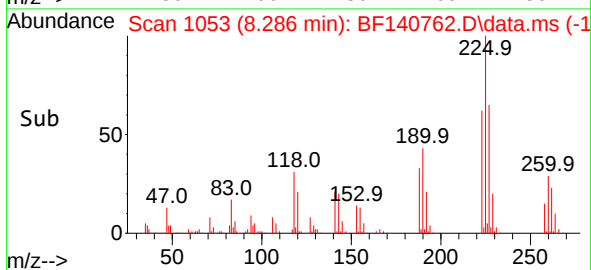
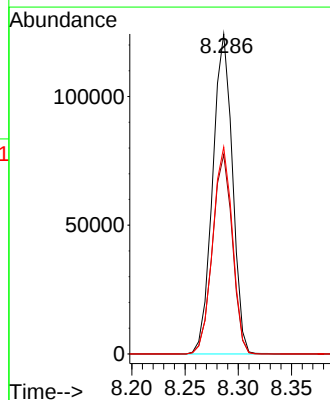
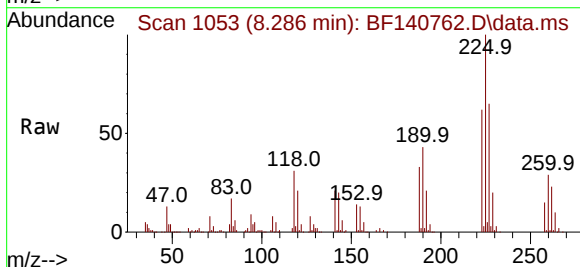
Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.0	39.0
65	33.4	26.0	39.0
92	20.2	16.7	25.1

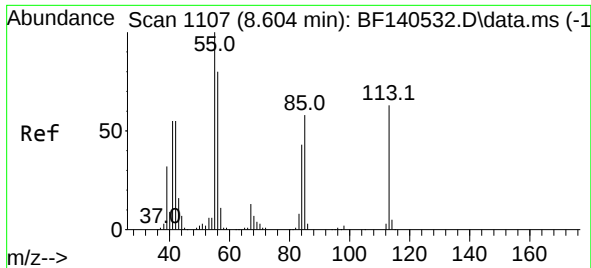


#34
 Hexachlorobutadiene
 Concen: 44.267 ng
 RT: 8.286 min Scan# 1053
 Delta R.T. -0.006 min
 Lab File: BF140762.D
 Acq: 06 Dec 2024 13:16

Tgt Ion:225 Resp: 160000

Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	64.7	51.3	76.9

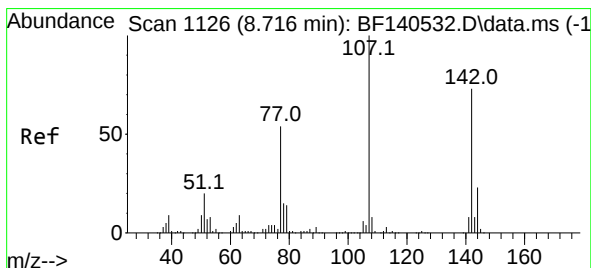
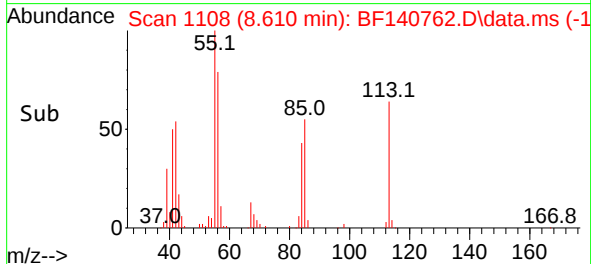
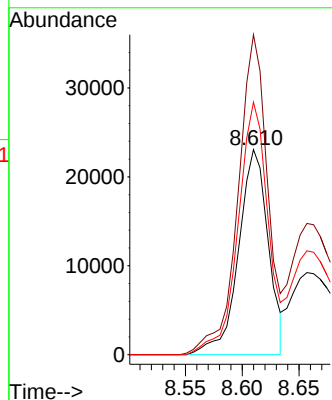
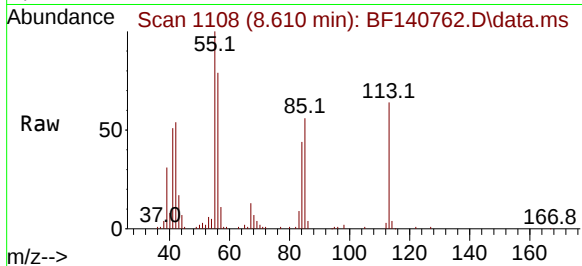




#35
 Caprolactam
 Concen: 28.415 ng
 RT: 8.610 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF140762.D
 Acq: 06 Dec 2024 13:16

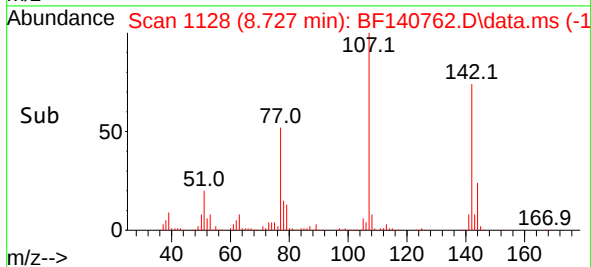
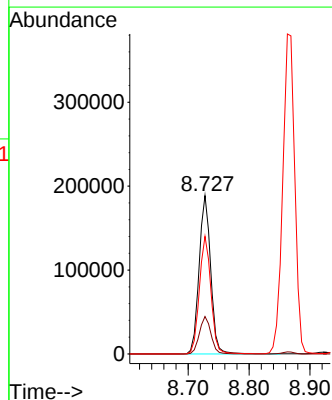
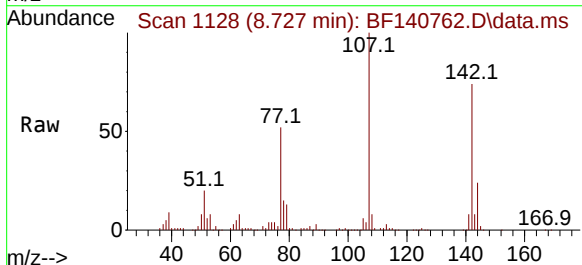
Instrument :
 BNA_F
 ClientSampleId :
 PB165423BS

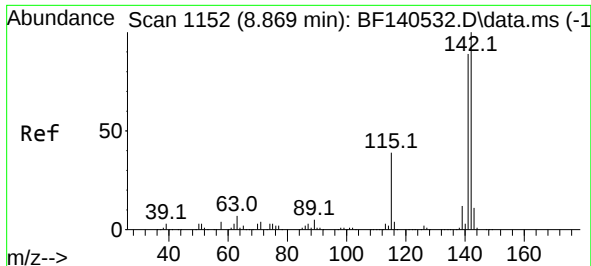
Tgt Ion:113 Resp: 42028
 Ion Ratio Lower Upper
 113 100
 55 156.0 137.7 177.7
 56 123.1 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 46.868 ng
 RT: 8.727 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: BF140762.D
 Acq: 06 Dec 2024 13:16

Tgt Ion:107 Resp: 250795
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 74.2 58.3 87.5





#37

2-Methylnaphthalene

Concen: 47.546 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

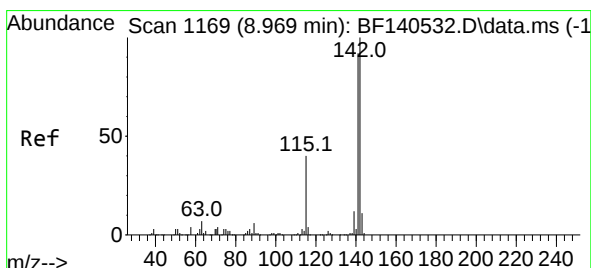
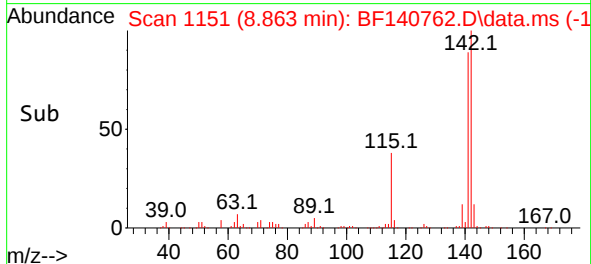
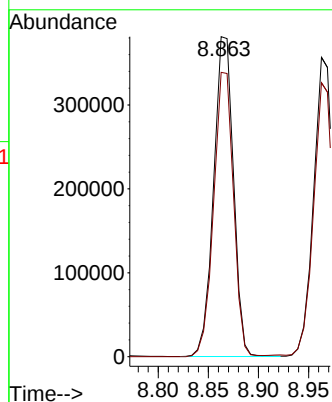
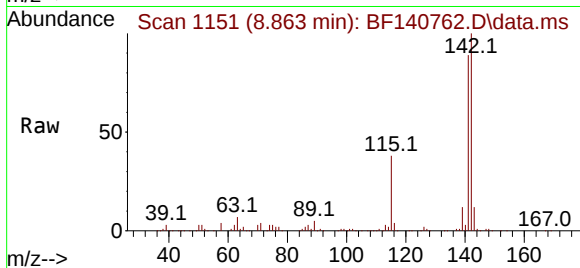
PB165423BS

Tgt Ion:142 Resp: 523686

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 44.661 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140762.D

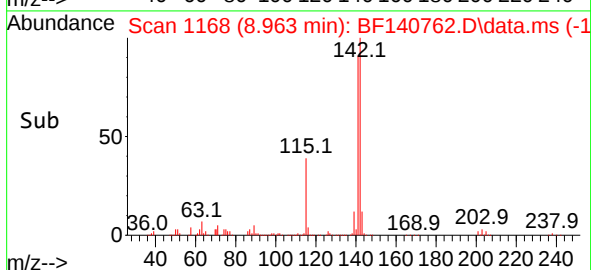
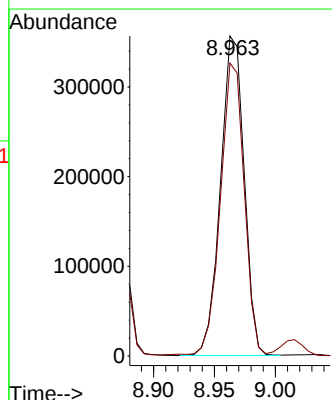
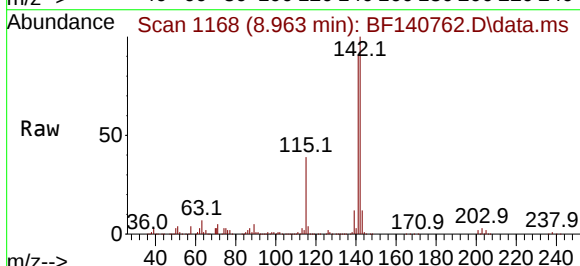
Acq: 06 Dec 2024 13:16

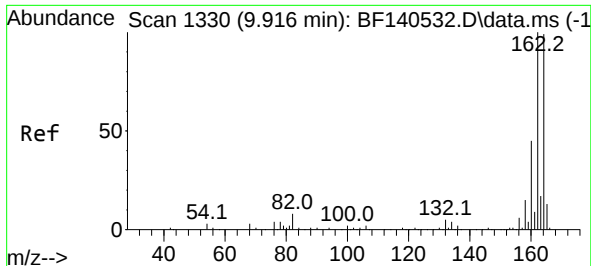
Tgt Ion:142 Resp: 482164

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

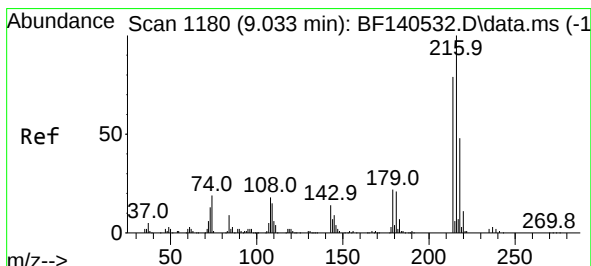
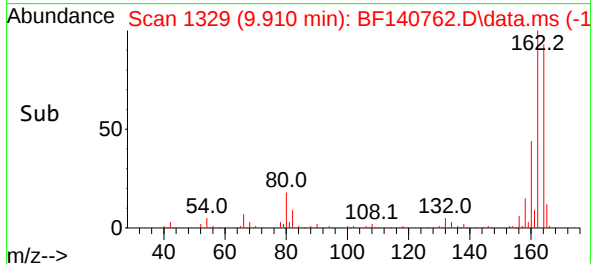
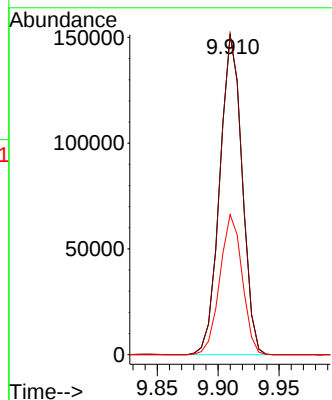
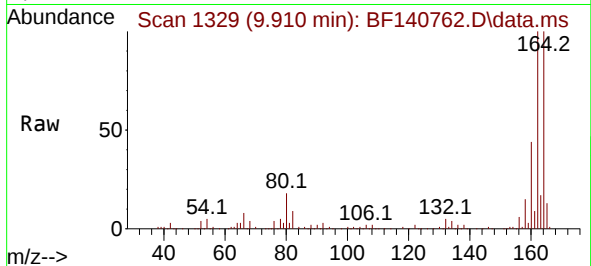
Tgt Ion:164 Resp: 192900

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 43.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.853 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Tgt Ion:216 Resp: 258940

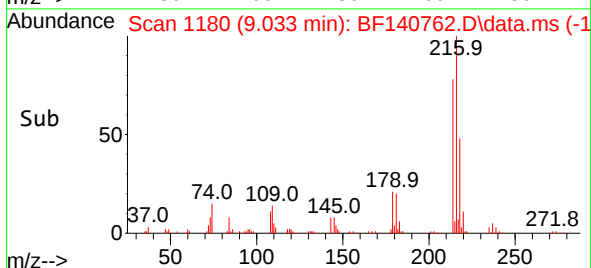
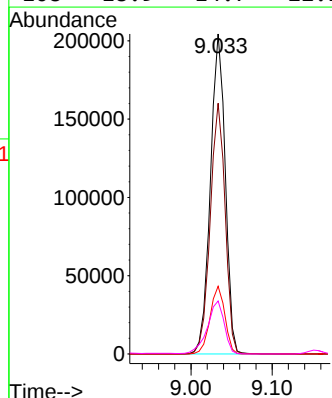
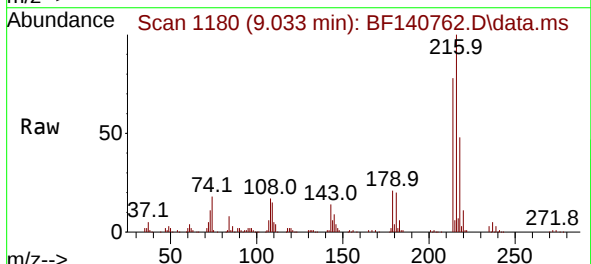
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.1 17.5 26.3

108 18.9 14.7 22.1

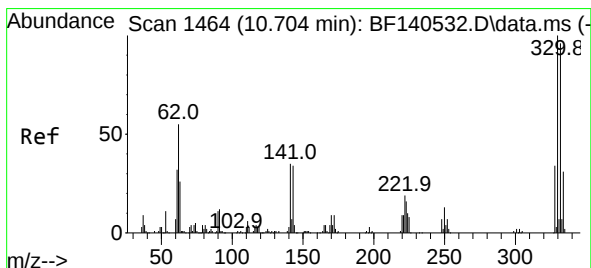
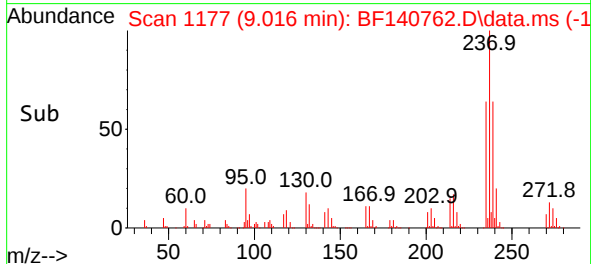
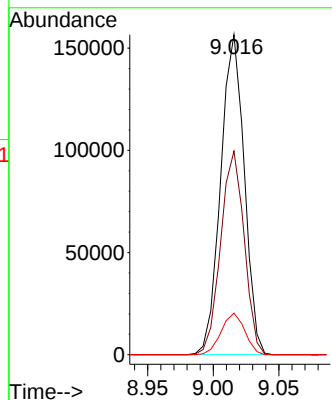
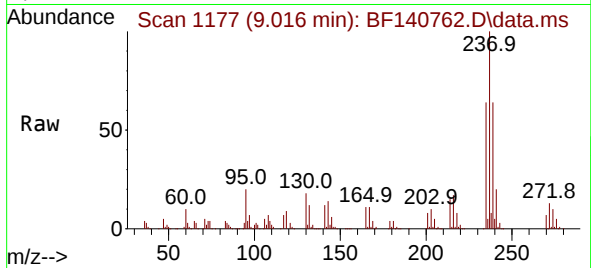




#41
Hexachlorocyclopentadiene
Concen: 147.294 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

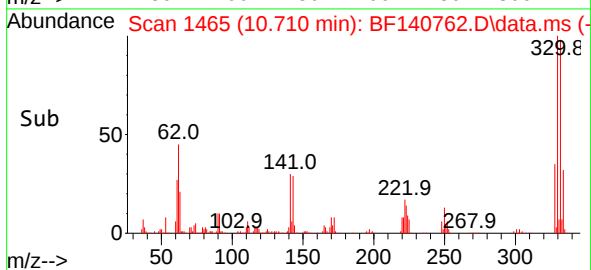
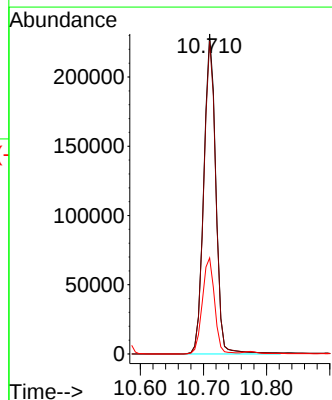
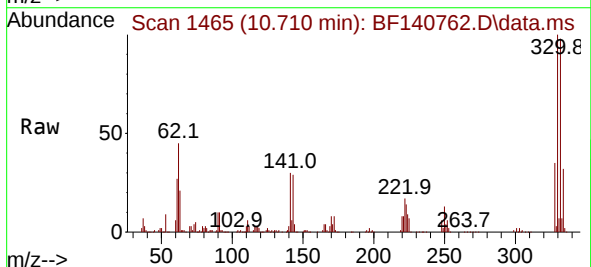
Instrument :
BNA_F
ClientSampleId :
PB165423BS

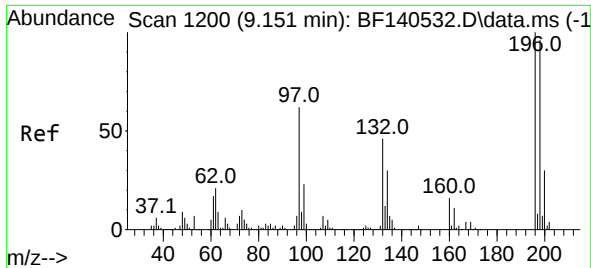
Tgt Ion:237 Resp: 195535
Ion Ratio Lower Upper
237 100
235 63.6 41.1 81.1
272 13.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 147.705 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:330 Resp: 304728
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 30.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 45.940 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

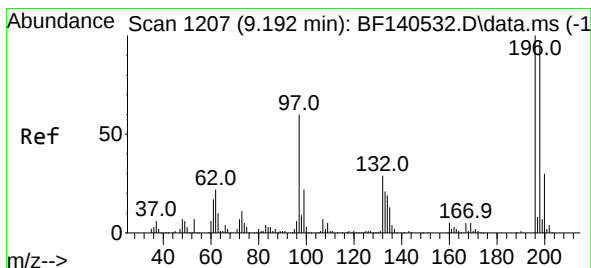
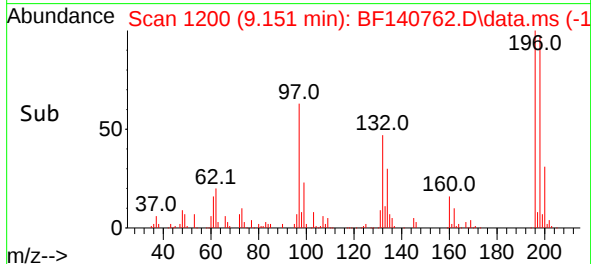
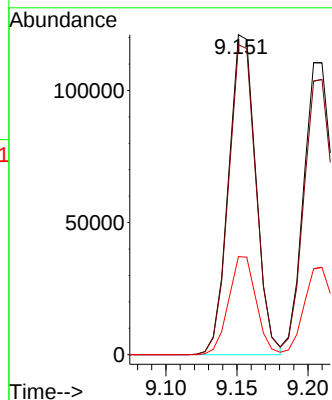
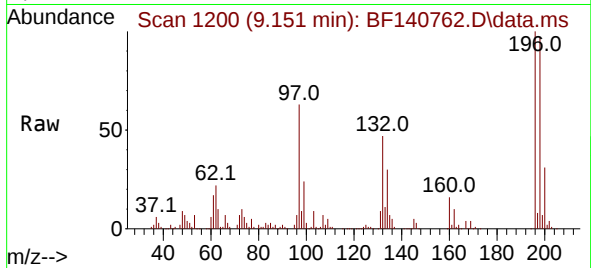
Tgt Ion:196 Resp: 162791

Ion Ratio Lower Upper

196 100

198 96.8 76.8 115.2

200 30.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 45.074 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Tgt Ion:196 Resp: 173343

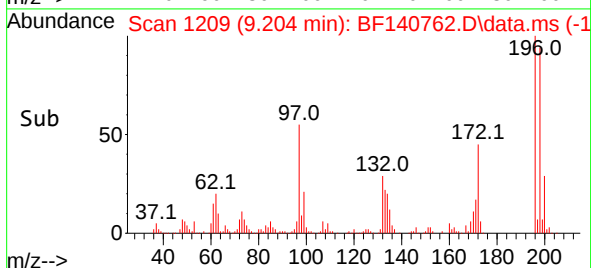
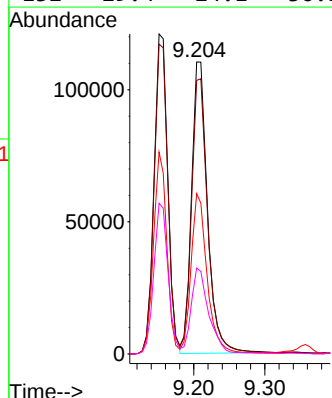
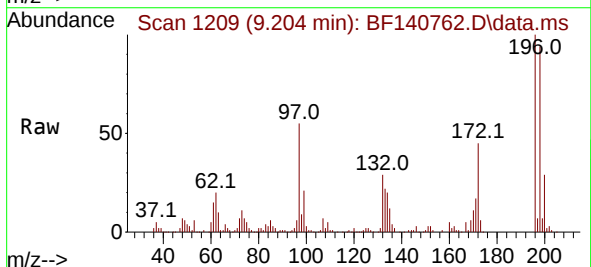
Ion Ratio Lower Upper

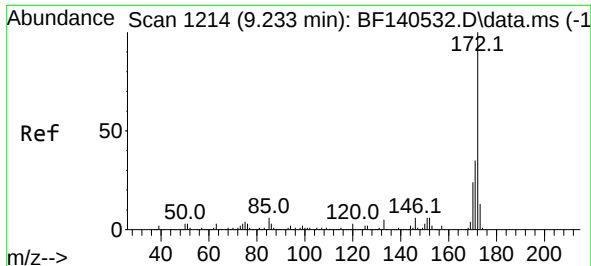
196 100

198 93.7 77.2 115.8

97 54.9 47.1 70.7

132 29.4 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 95.878 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

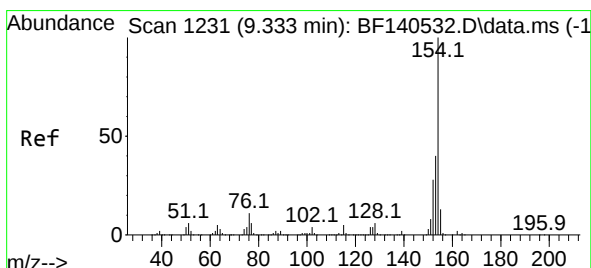
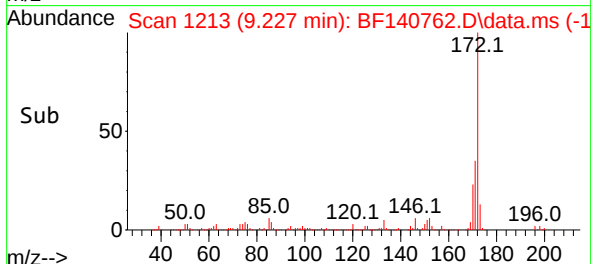
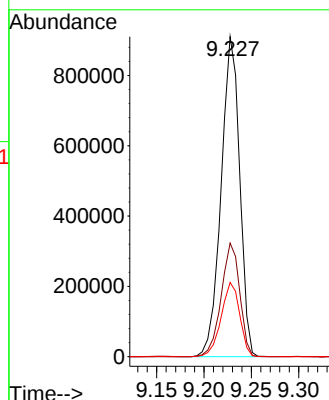
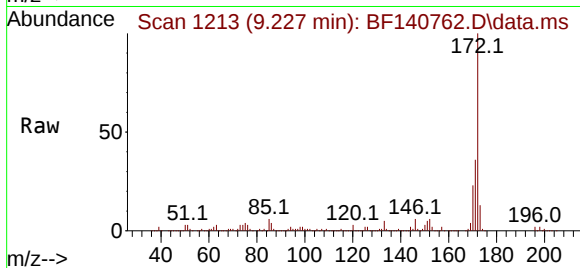
Tgt Ion:172 Resp: 1241313

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.131 ng

RT: 9.327 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

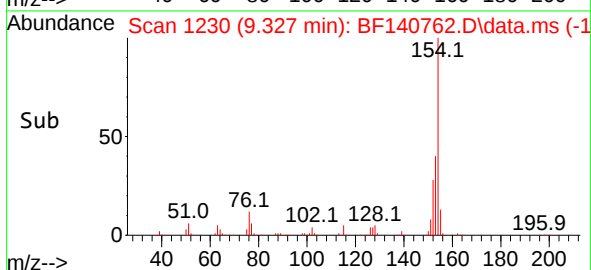
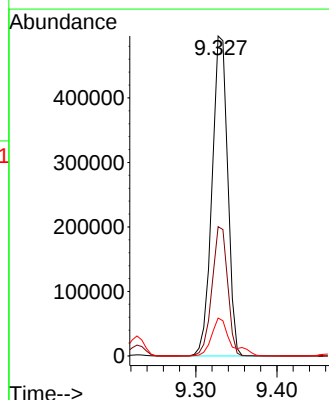
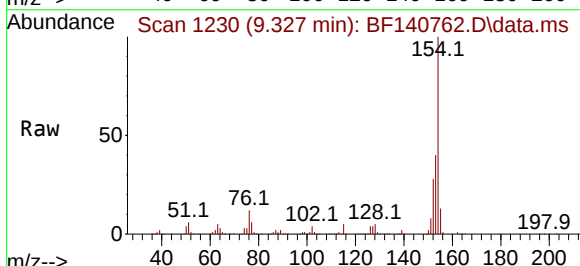
Tgt Ion:154 Resp: 664390

Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.8 0.0 31.2

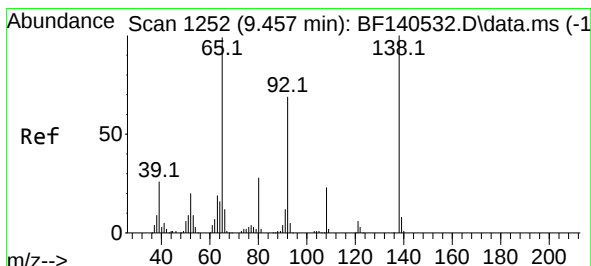
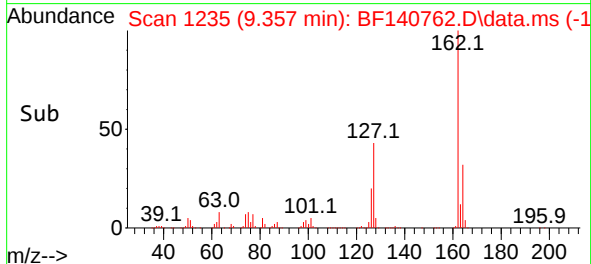
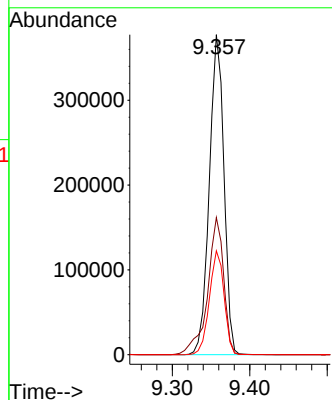
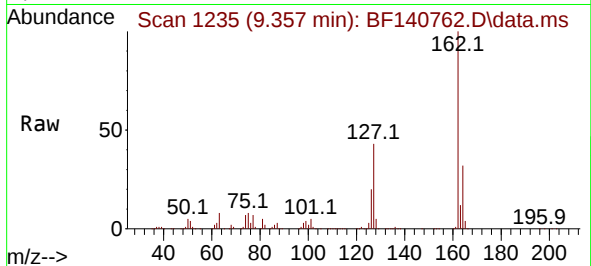




#47
2-Chloronaphthalene
Concen: 45.459 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

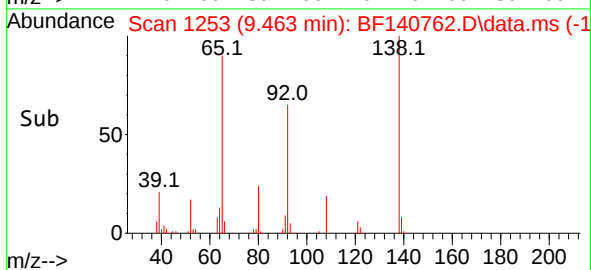
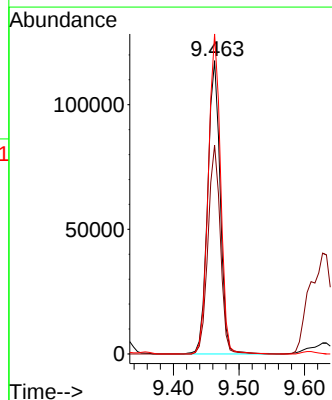
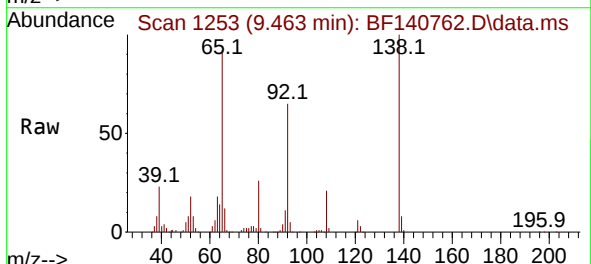
Instrument :
BNA_F
ClientSampleId :
PB165423BS

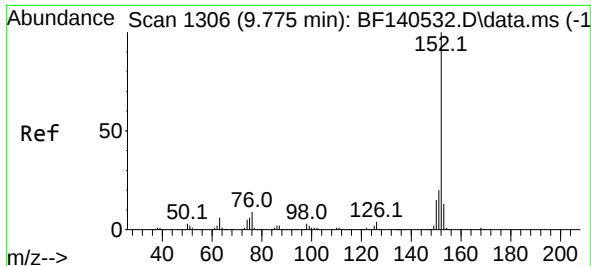
Tgt Ion:162 Resp: 496087
Ion Ratio Lower Upper
162 100
127 42.8 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 44.708 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion: 65 Resp: 156602
Ion Ratio Lower Upper
65 100
92 71.2 56.1 84.1
138 109.1 81.0 121.6





#49

Acenaphthylene

Concen: 48.292 ng

RT: 9.774 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

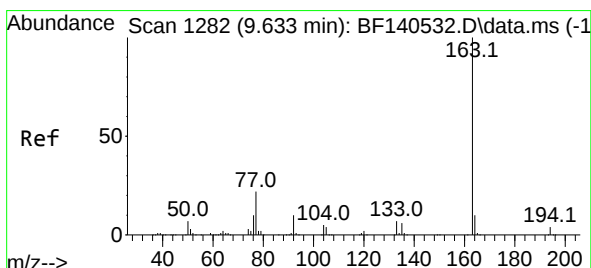
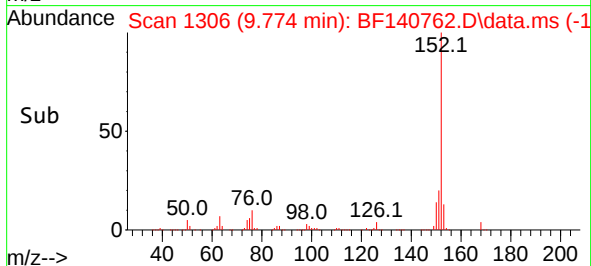
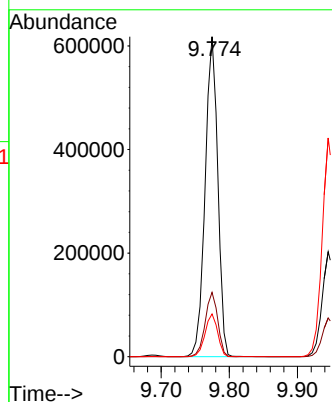
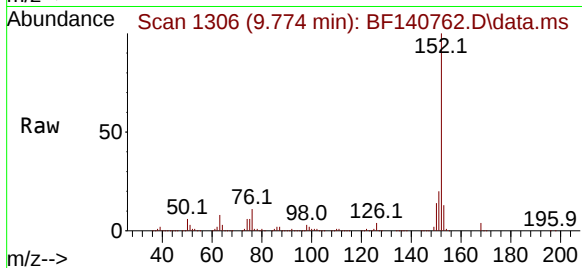
Tgt Ion:152 Resp: 796256

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 48.230 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

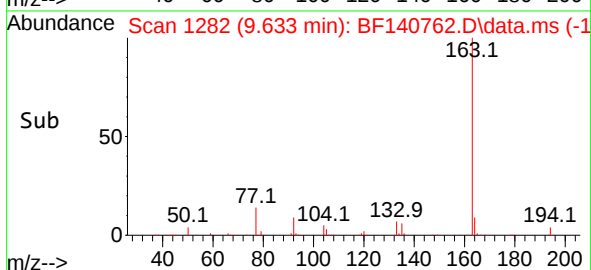
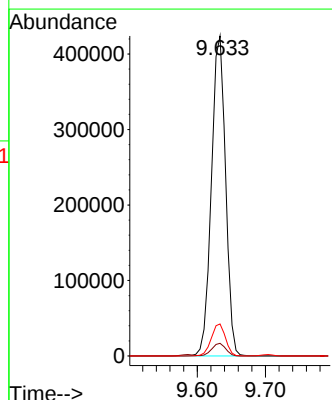
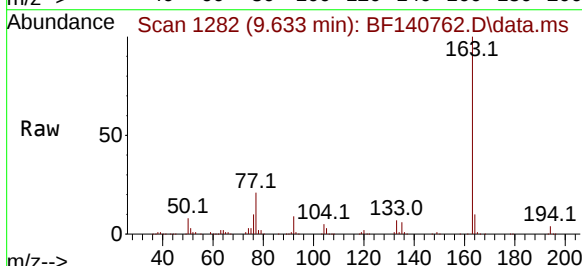
Tgt Ion:163 Resp: 612732

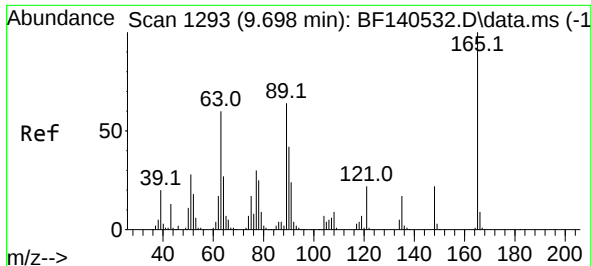
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.668 ng

RT: 9.704 min Scan# 1293

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

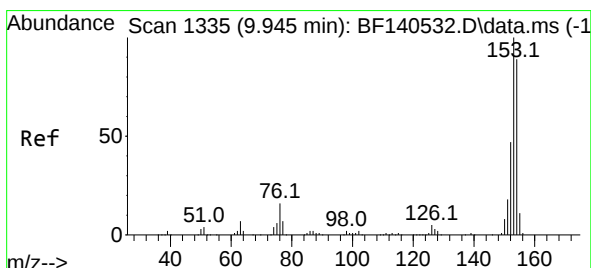
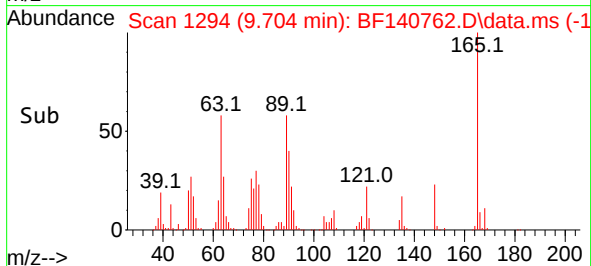
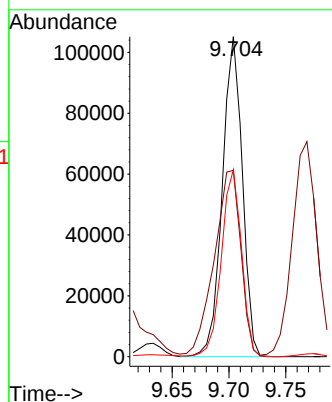
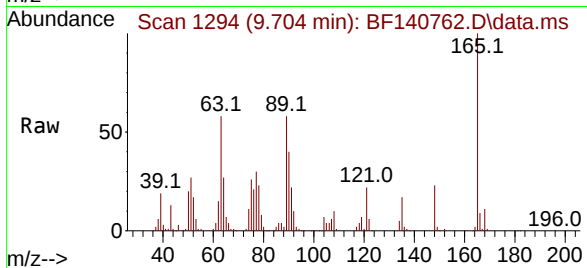
Tgt Ion:165 Resp: 128701

Ion Ratio Lower Upper

165 100

63 58.2 49.9 74.9

89 58.4 50.9 76.3



#52

Acenaphthene

Concen: 46.235 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

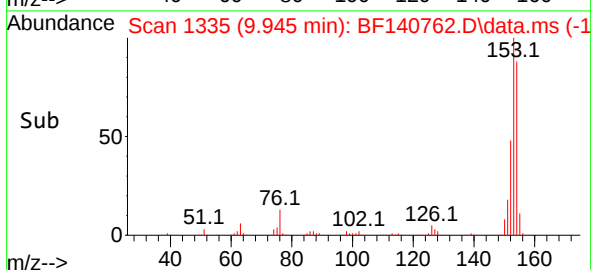
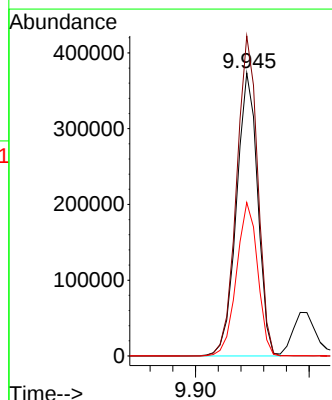
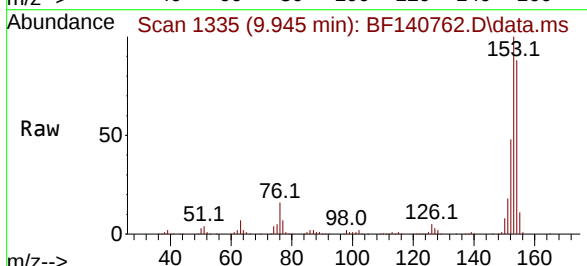
Tgt Ion:154 Resp: 484392

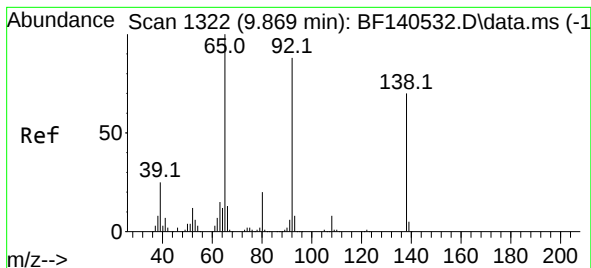
Ion Ratio Lower Upper

154 100

153 113.1 89.7 134.5

152 54.2 42.5 63.7





#53

3-Nitroaniline

Concen: 28.530 ng

RT: 9.874 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

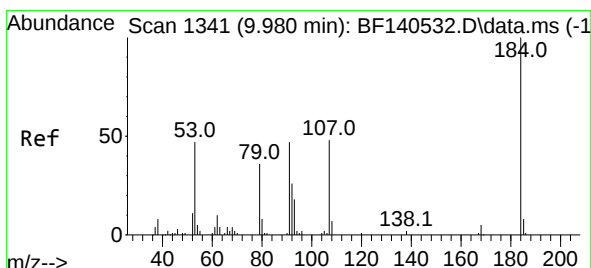
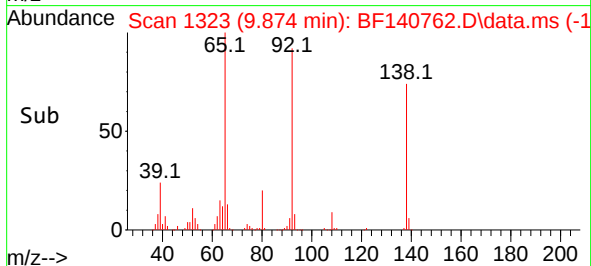
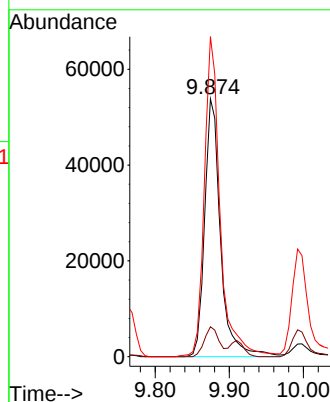
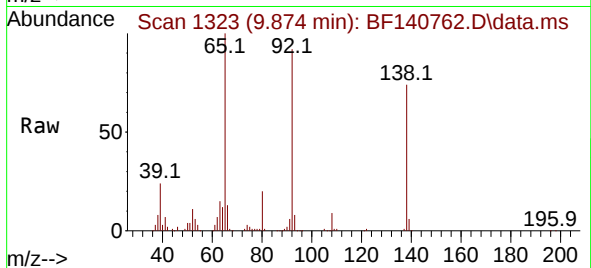
Tgt Ion:138 Resp: 80397

Ion Ratio Lower Upper

138 100

108 11.6 9.2 13.8

92 124.1 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 89.053 ng

RT: 9.998 min Scan# 1344

Delta R.T. 0.018 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

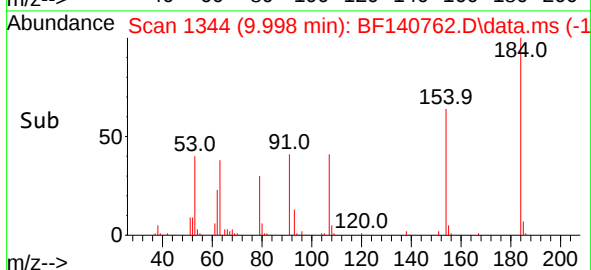
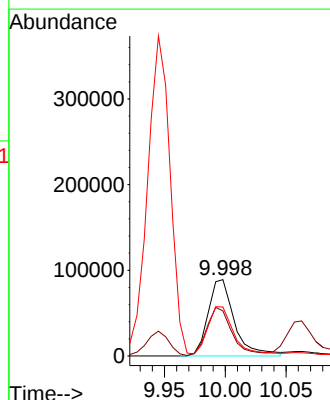
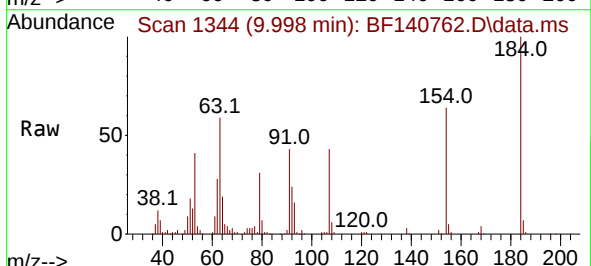
Tgt Ion:184 Resp: 134351

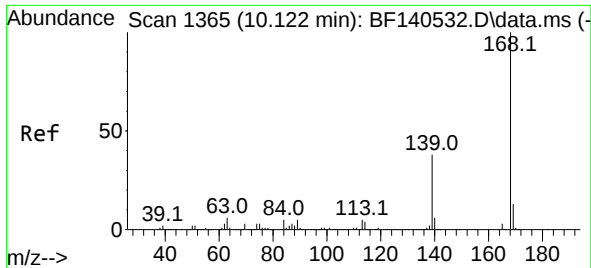
Ion Ratio Lower Upper

184 100

63 59.3 54.1 81.1

154 64.3 57.4 86.0

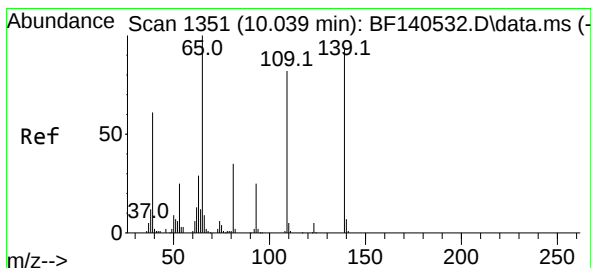
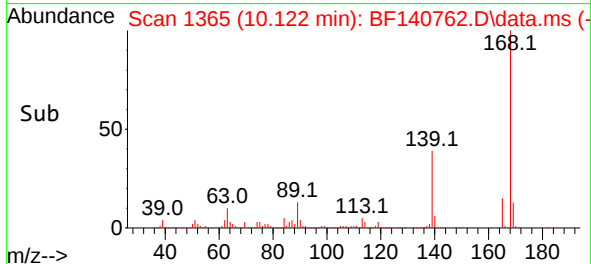
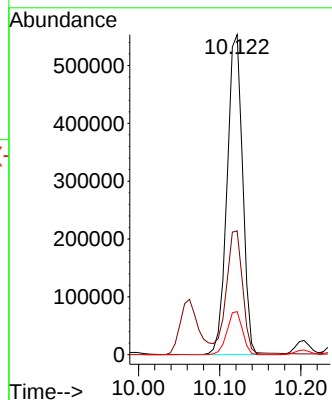
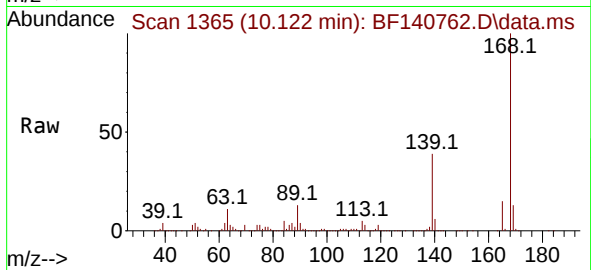




#55
Dibenzenofuran
Concen: 45.945 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

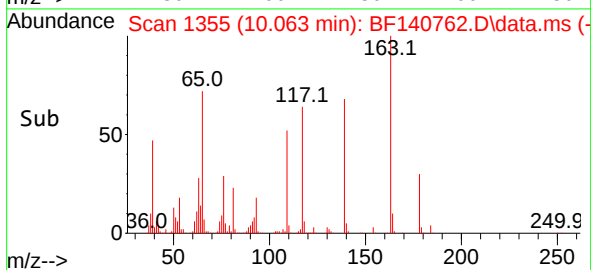
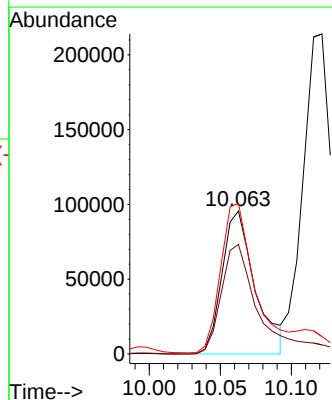
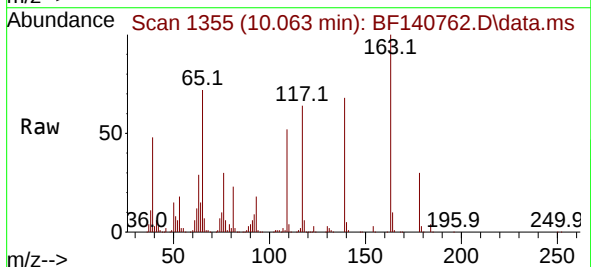
Instrument :
BNA_F
ClientSampleId :
PB165423BS

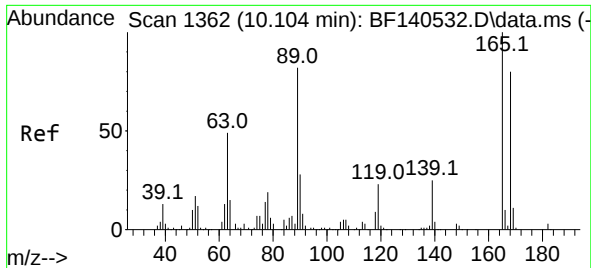
Tgt Ion:168 Resp: 734204
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 80.341 ng
RT: 10.063 min Scan# 1355
Delta R.T. 0.024 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:139 Resp: 154405
Ion Ratio Lower Upper
139 100
109 76.7 68.4 108.4
65 105.4 88.6 128.6

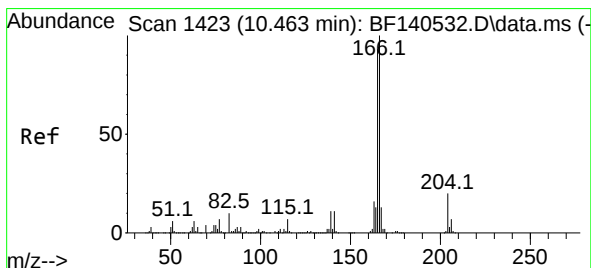
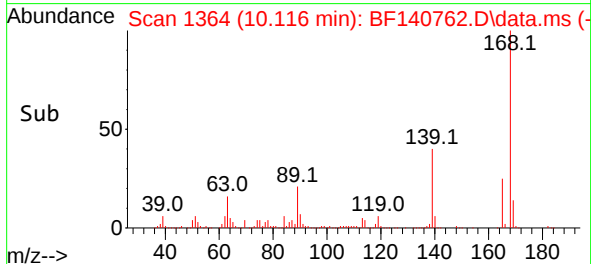
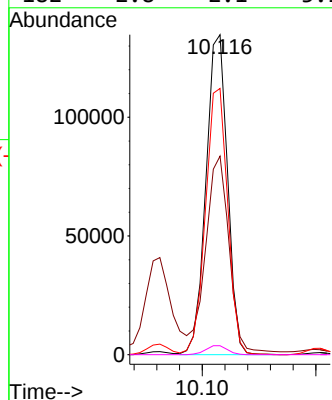
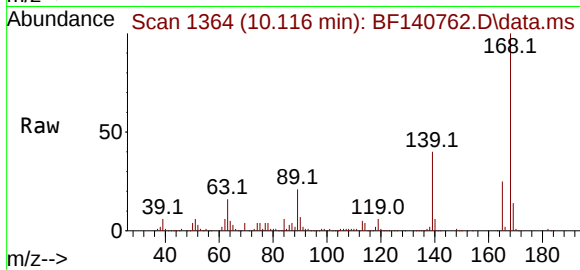




#57
2,4-Dinitrotoluene
Concen: 46.278 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

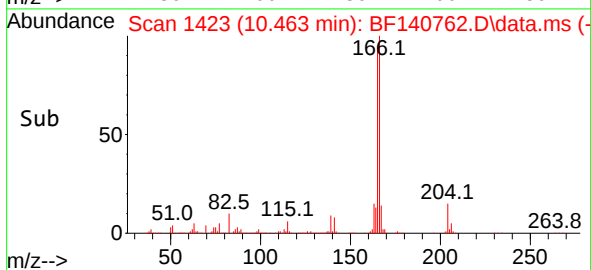
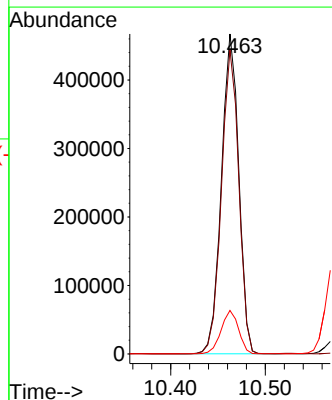
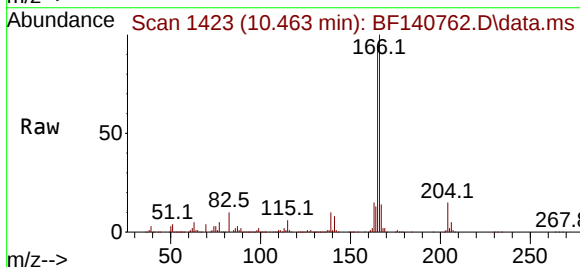
Instrument :
BNA_F
ClientSampleId :
PB165423BS

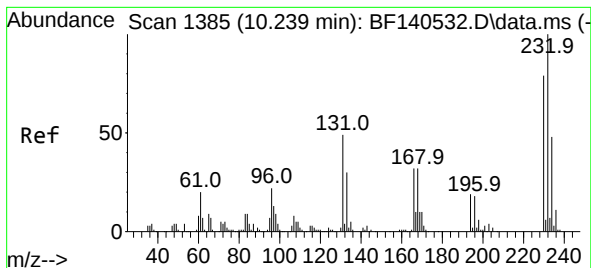
Tgt Ion:165 Resp: 177214
Ion Ratio Lower Upper
165 100
63 62.0 41.7 62.5
89 83.2 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 46.477 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:166 Resp: 596159
Ion Ratio Lower Upper
166 100
165 95.0 74.6 111.8
167 13.6 10.6 16.0

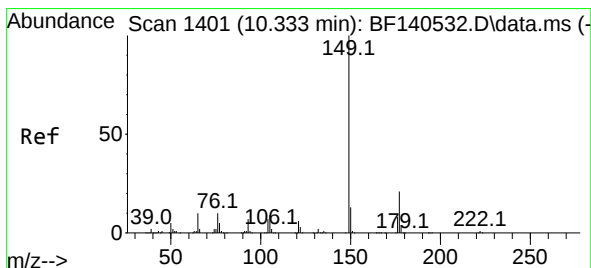
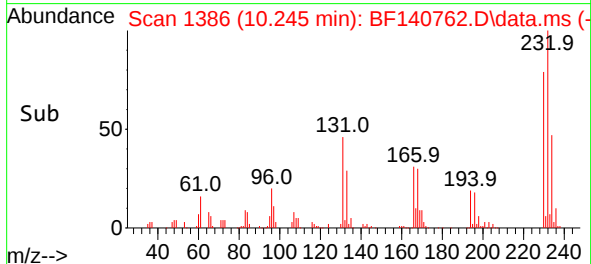
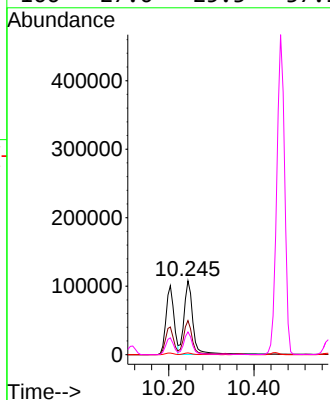
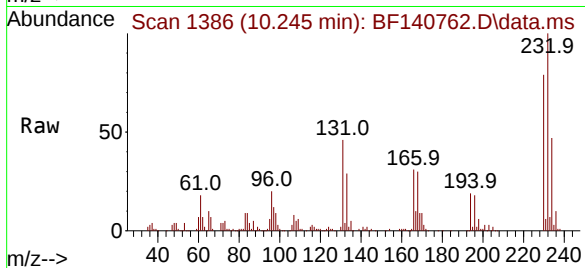




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.890 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

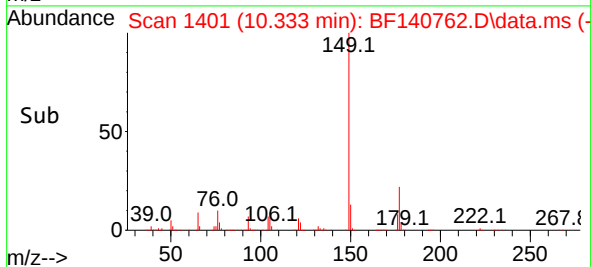
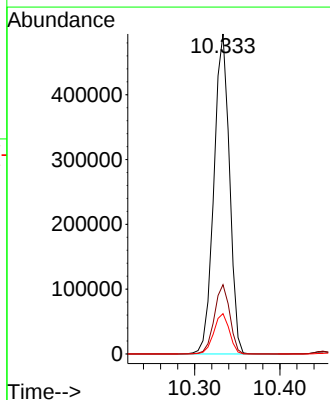
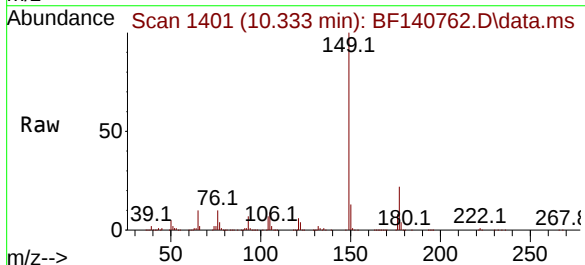
Instrument :
BNA_F
ClientSampleId :
PB165423BS

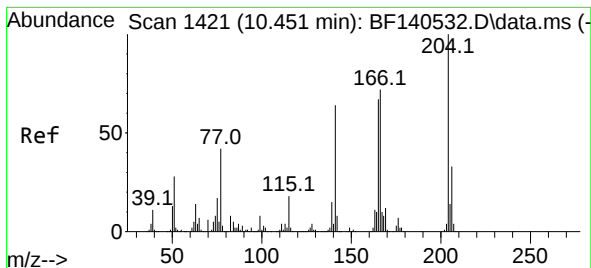
Tgt Ion:232 Resp: 156322
Ion Ratio Lower Upper
232 100
131 42.0 39.6 59.4
130 1.8 1.9 2.9#
166 27.6 25.3 37.9



#60
Diethylphthalate
Concen: 48.528 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:149 Resp: 626390
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 10.1 15.1

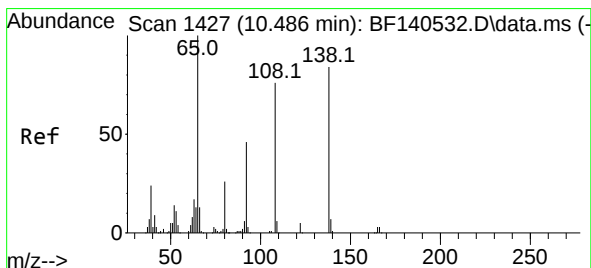
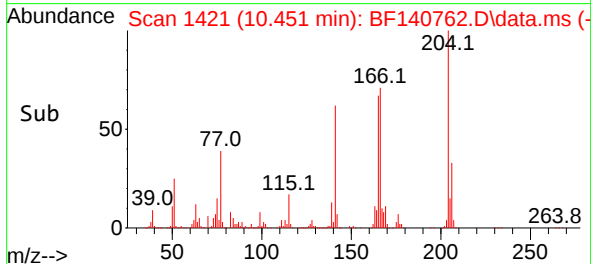
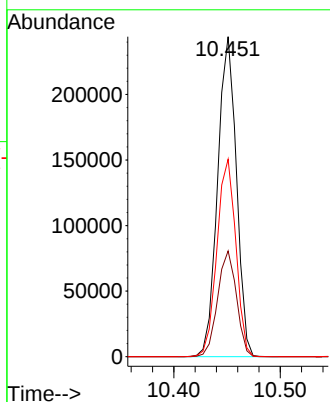
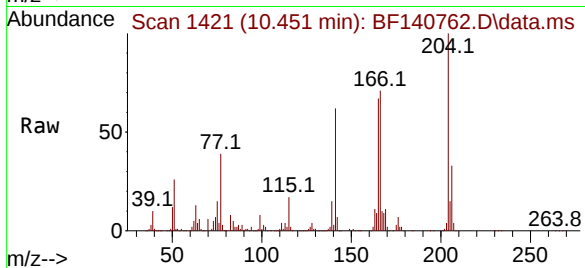




#61
4-Chlorophenyl-phenylether
Concen: 47.356 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

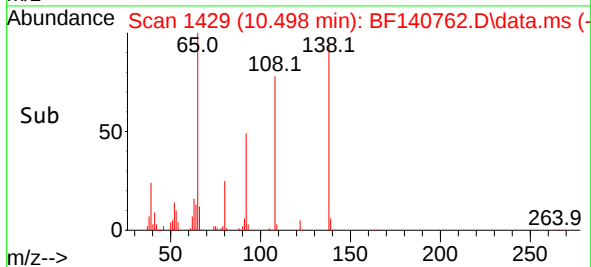
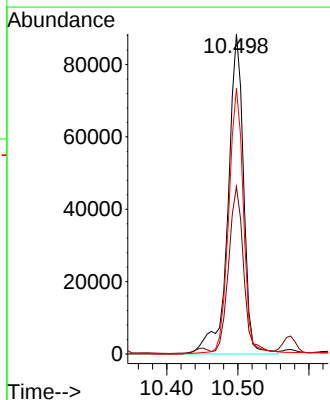
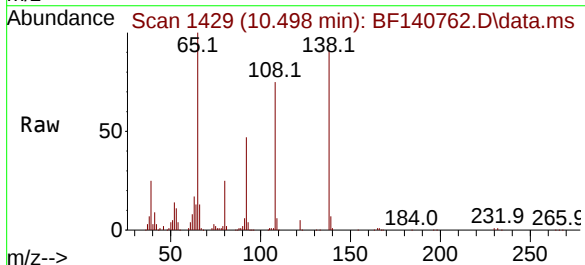
Instrument :
BNA_F
ClientSampleId :
PB165423BS

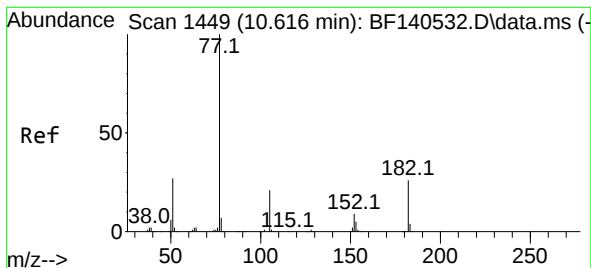
Tgt Ion:204 Resp: 298099
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 61.7 51.1 76.7



#62
4-Nitroaniline
Concen: 45.588 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:138 Resp: 134738
Ion Ratio Lower Upper
138 100
92 52.3 34.5 74.5
108 83.0 70.6 110.6





#63

Azobenzene

Concen: 47.734 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

Tgt Ion: 77 Resp: 583476

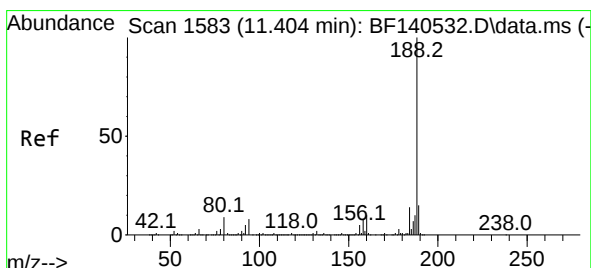
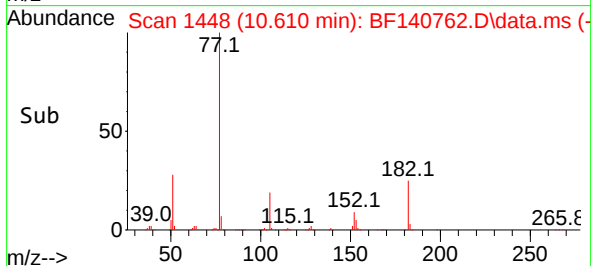
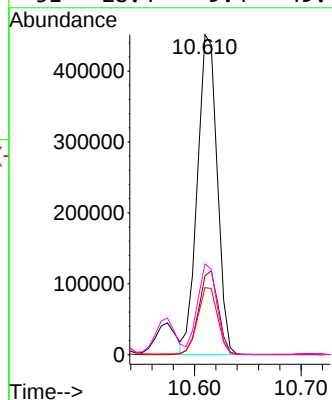
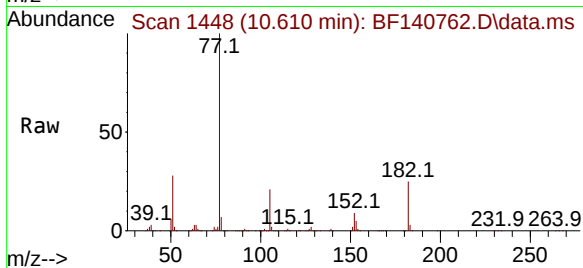
Ion Ratio Lower Upper

77 100

182 24.7 5.3 45.3

105 20.9 0.3 40.3

51 28.4 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

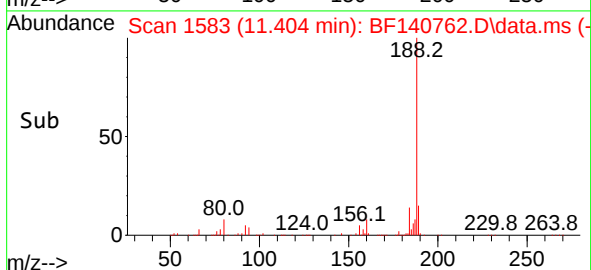
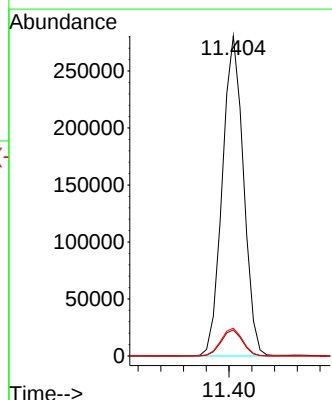
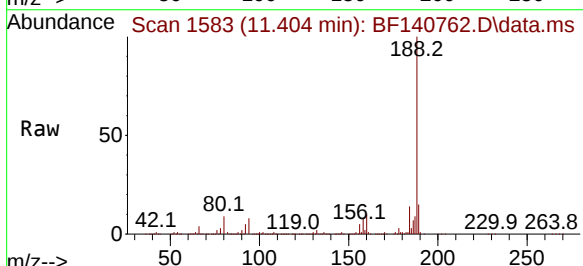
Tgt Ion: 188 Resp: 363576

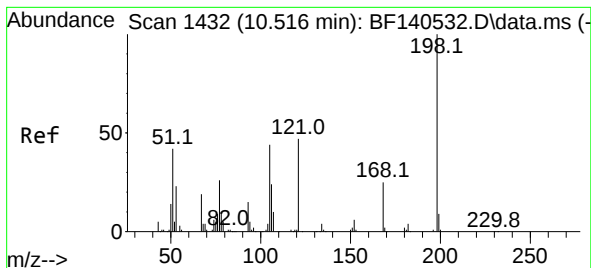
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3

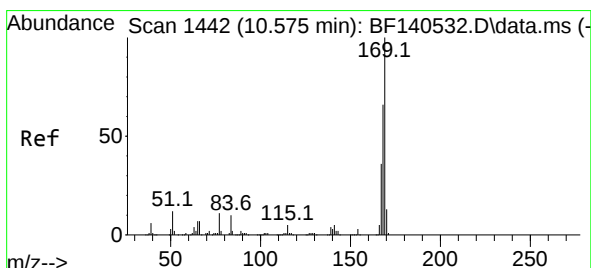
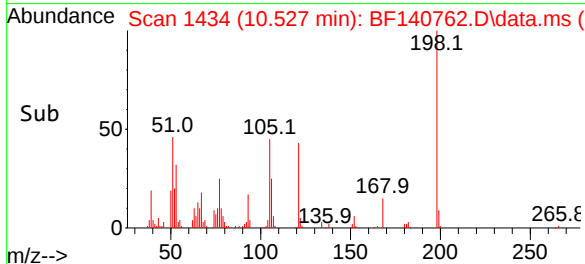
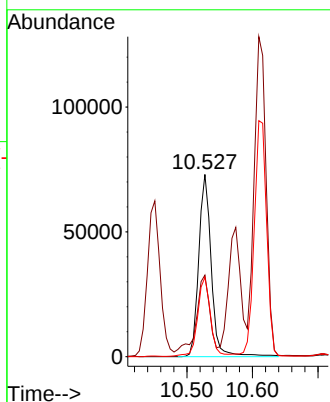
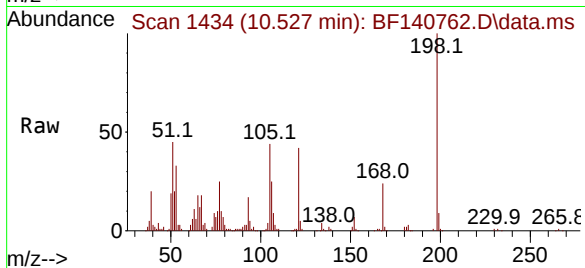




#65
4,6-Dinitro-2-methylphenol
Concen: 52.563 ng
RT: 10.527 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

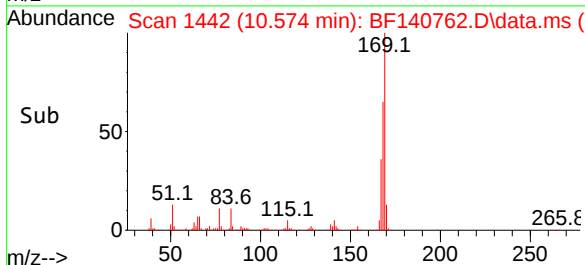
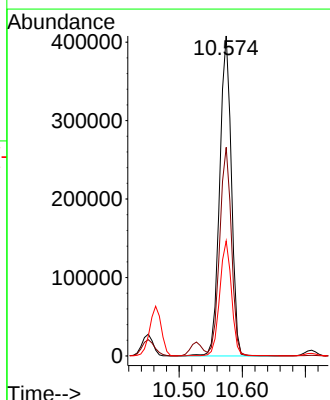
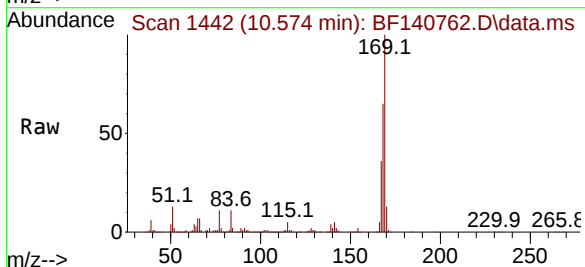
Instrument :
BNA_F
ClientSampleId :
PB165423BS

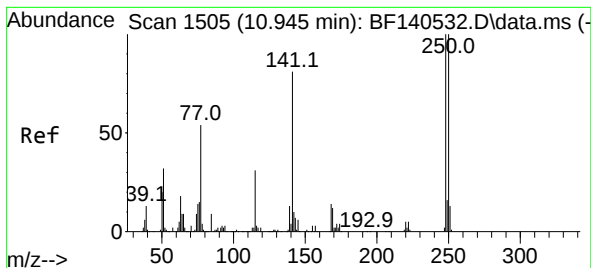
Tgt Ion:198 Resp: 97656
Ion Ratio Lower Upper
198 100
51 44.8 29.4 69.4
105 43.5 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 48.729 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:169 Resp: 523926
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 35.9 29.0 43.6

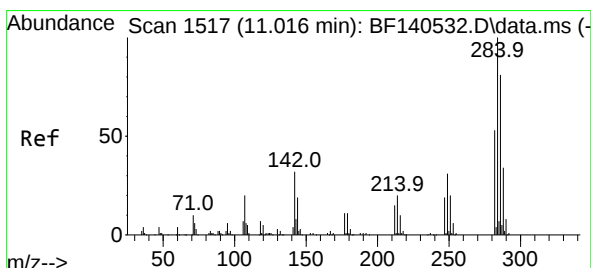
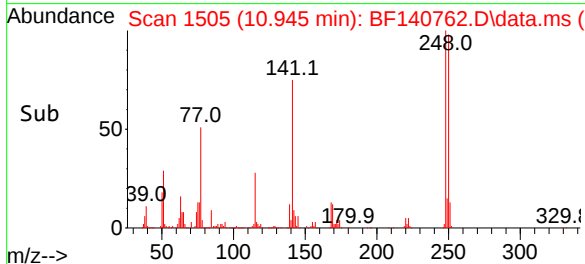
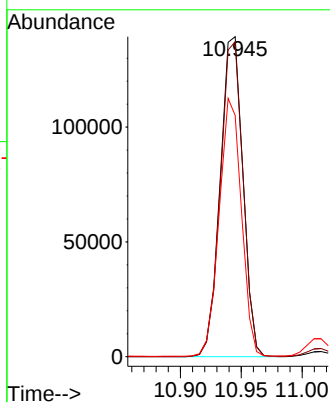
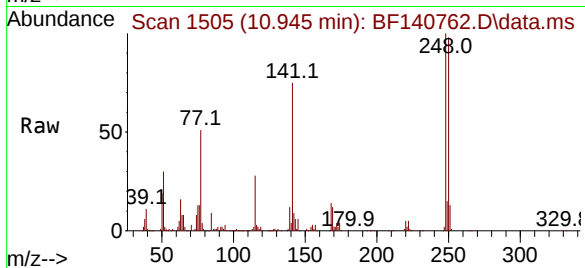




#67
4-Bromophenyl-phenylether
Concen: 48.464 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

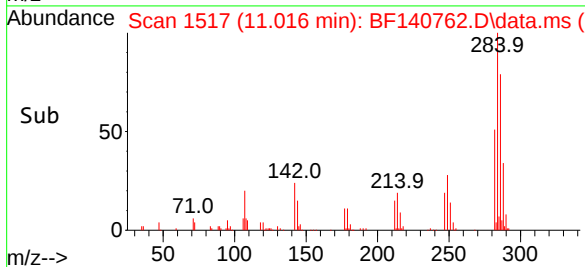
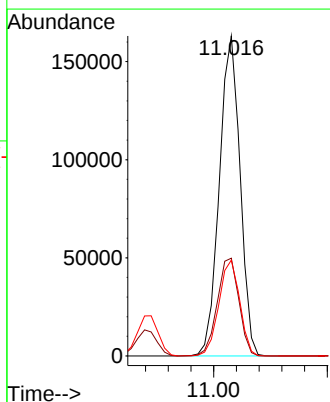
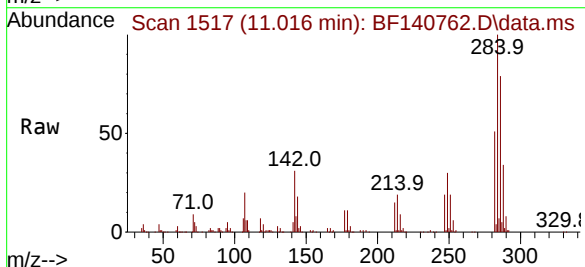
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:248 Resp: 181461
Ion Ratio Lower Upper
248 100
250 98.4 79.8 119.8
141 75.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 47.650 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:284 Resp: 206588
Ion Ratio Lower Upper
284 100
142 30.5 25.3 37.9
249 30.0 24.8 37.2





#69

Atrazine

Concen: 55.601 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

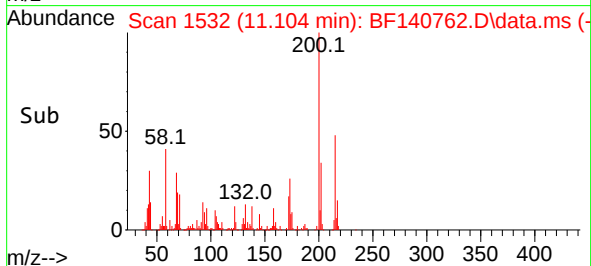
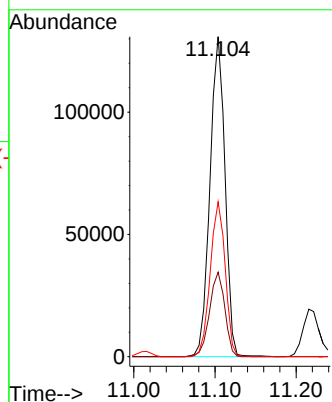
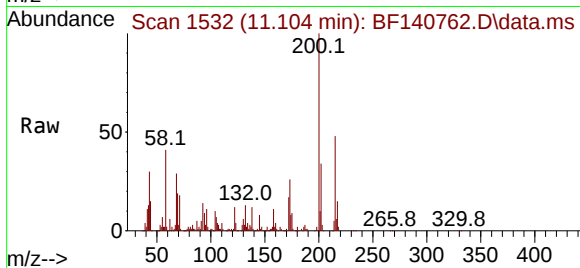
Tgt Ion:200 Resp: 168177

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

215 48.4 26.7 66.7



#70

Pentachlorophenol

Concen: 89.866 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

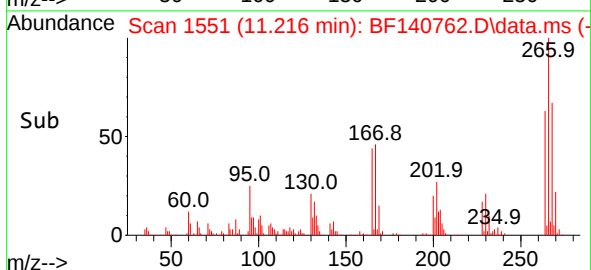
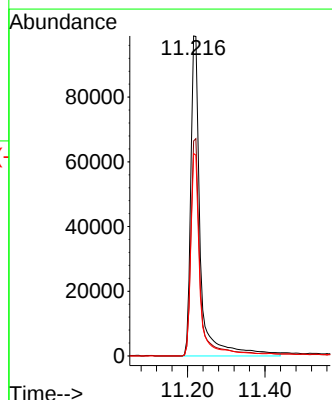
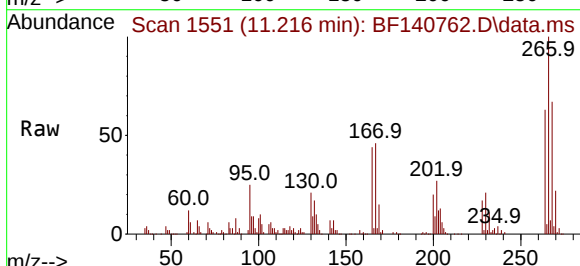
Tgt Ion:266 Resp: 171479

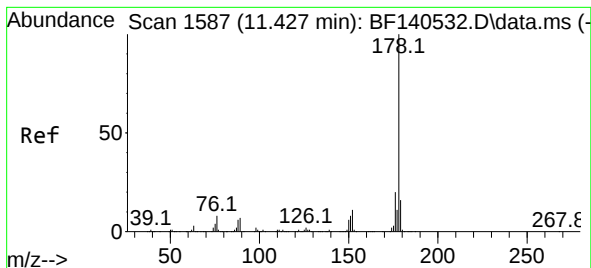
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 48.606 ng

RT: 11.427 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

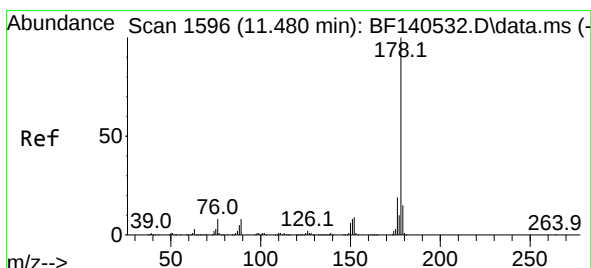
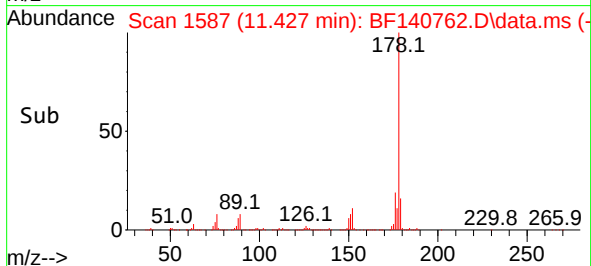
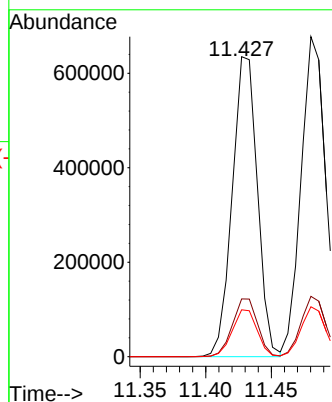
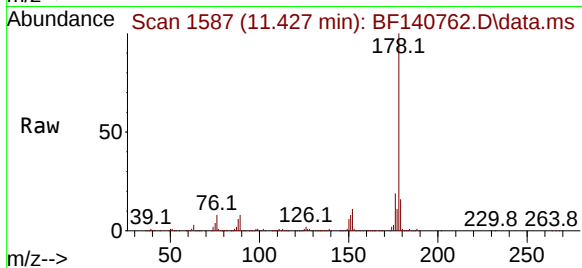
Tgt Ion:178 Resp: 849472

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 51.322 ng

RT: 11.480 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

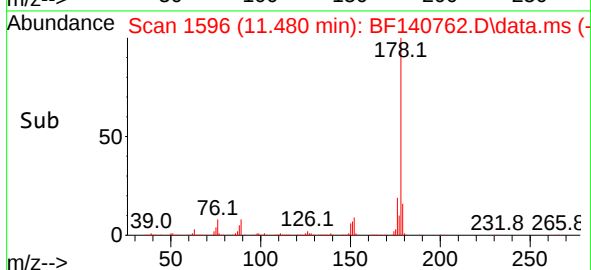
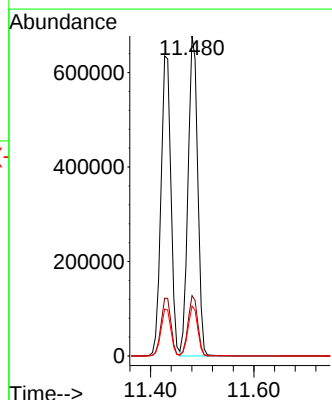
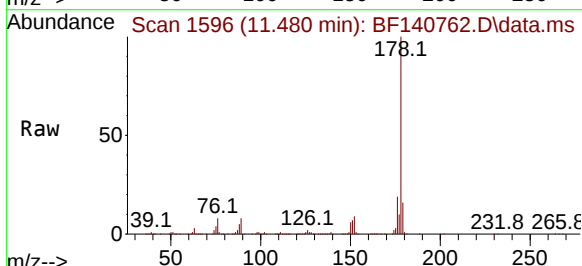
Tgt Ion:178 Resp: 877387

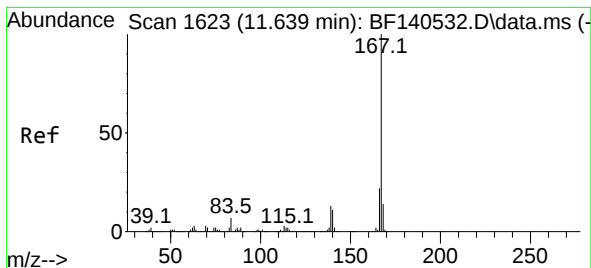
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.6 12.2 18.4





#73

Carbazole

Concen: 48.163 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

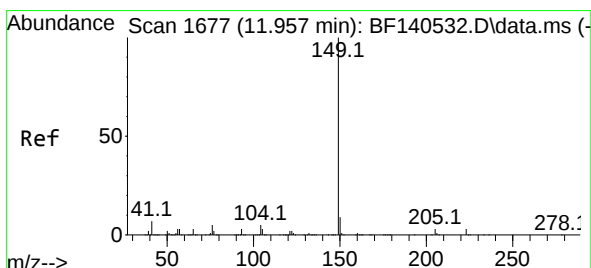
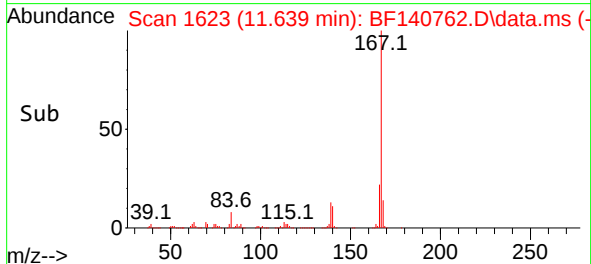
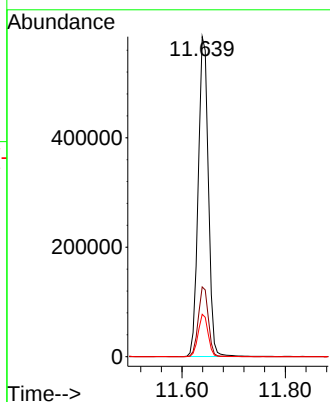
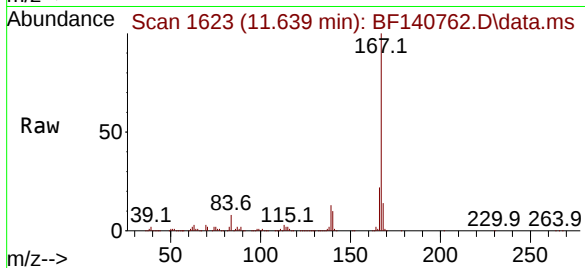
Tgt Ion:167 Resp: 792099

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.2 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.349 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

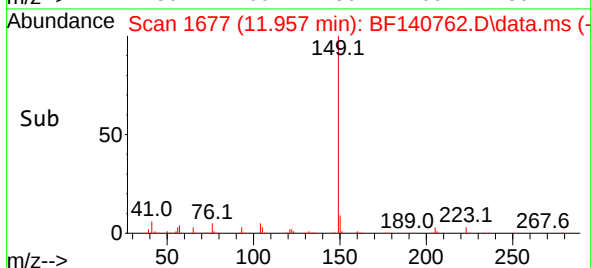
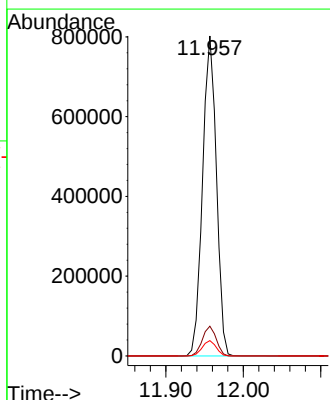
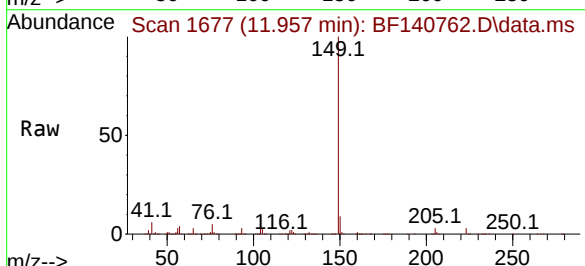
Tgt Ion:149 Resp: 993945

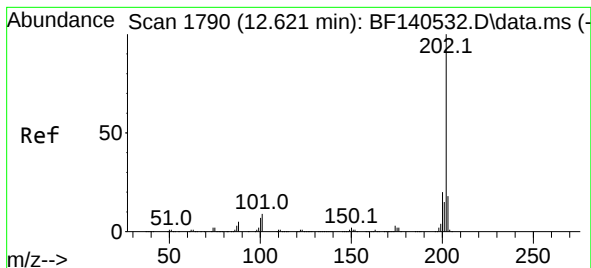
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 49.870 ng

RT: 12.621 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

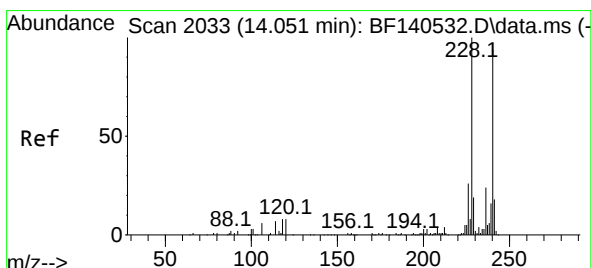
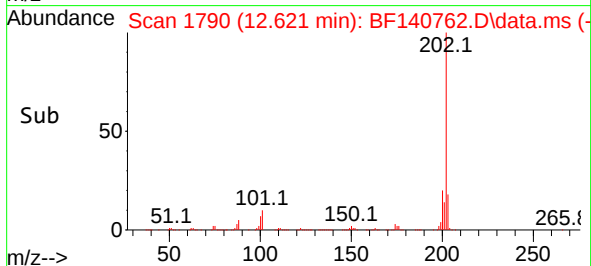
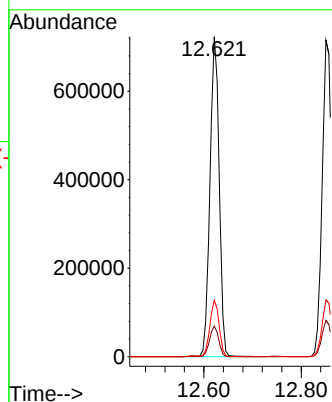
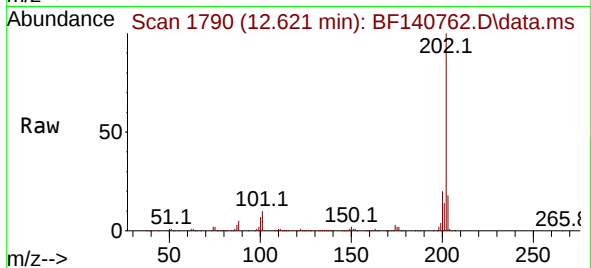
Tgt Ion:202 Resp: 946290

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

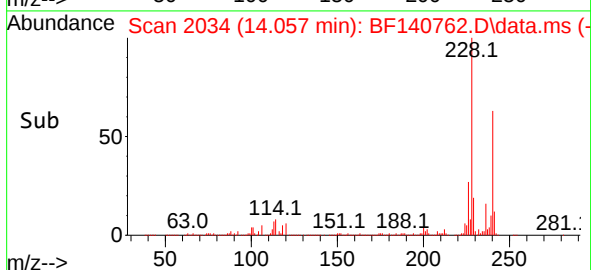
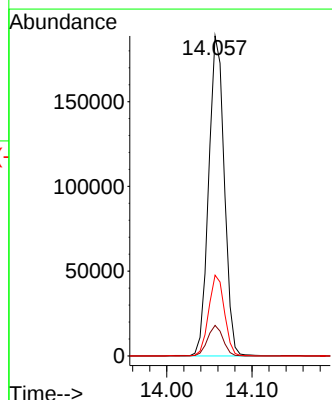
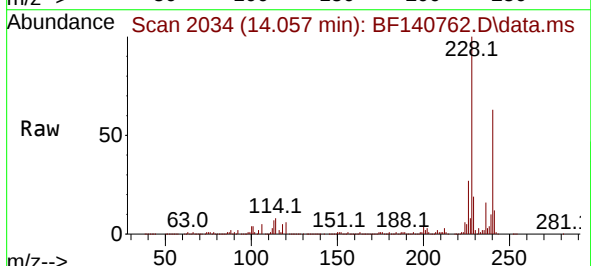
Tgt Ion:240 Resp: 240000

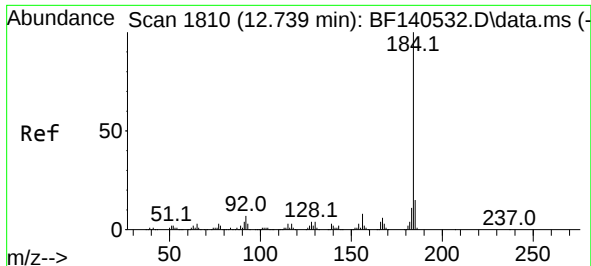
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 25.2 20.6 31.0

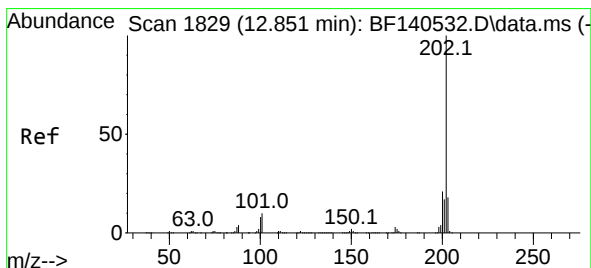
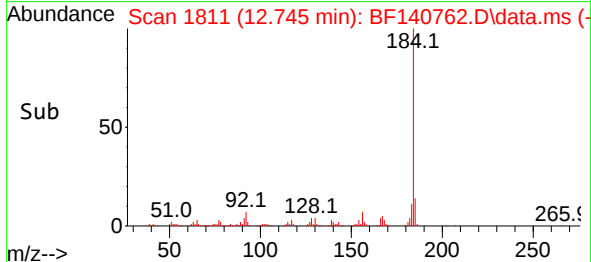
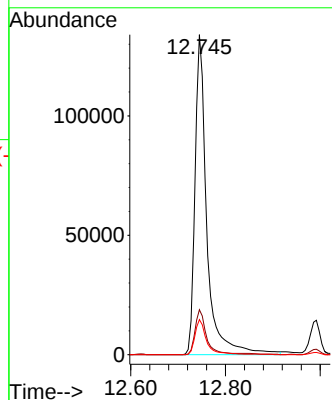
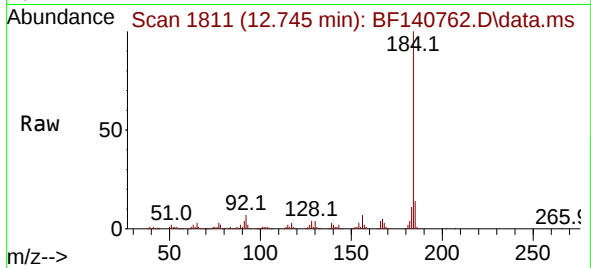




#77
Benzidine
Concen: 33.352 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

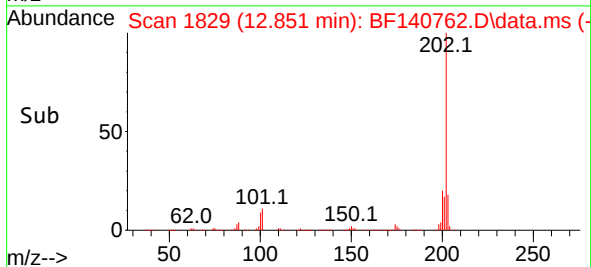
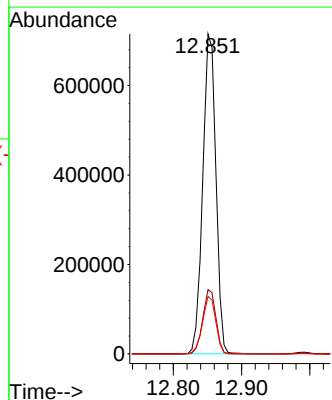
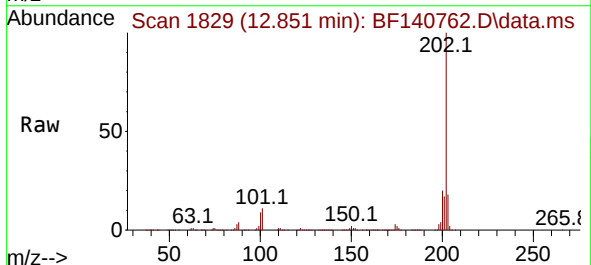
Instrument :
BNA_F
ClientSampleId :
PB165423BS

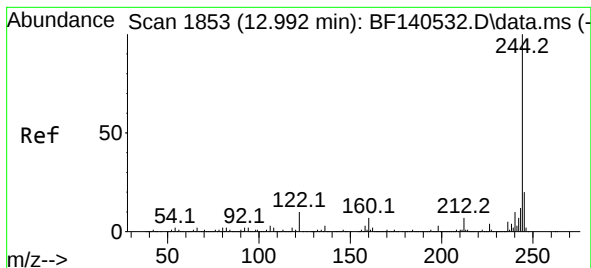
Tgt Ion:184 Resp: 232728
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.0 8.8 13.2



#78
Pyrene
Concen: 43.154 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:202 Resp: 957620
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 96.033 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

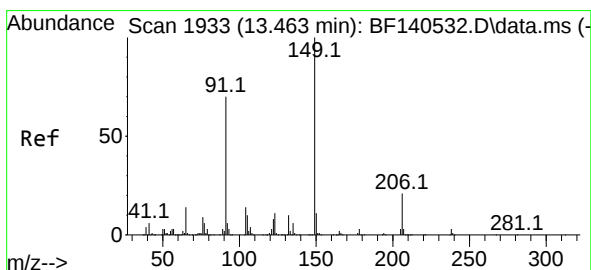
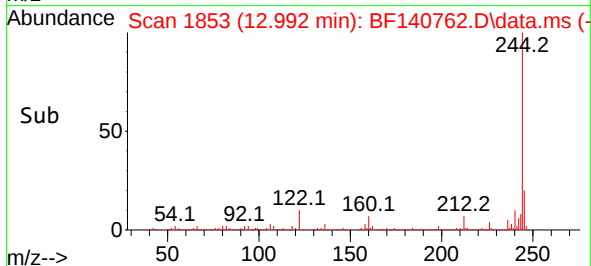
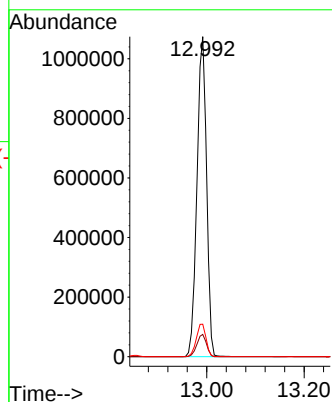
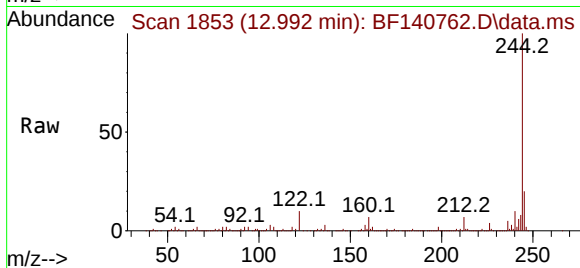
Tgt Ion:244 Resp: 1480146

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.155 ng

RT: 13.462 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

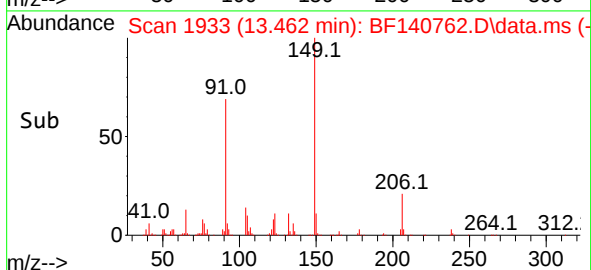
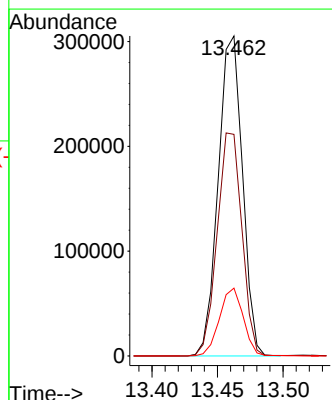
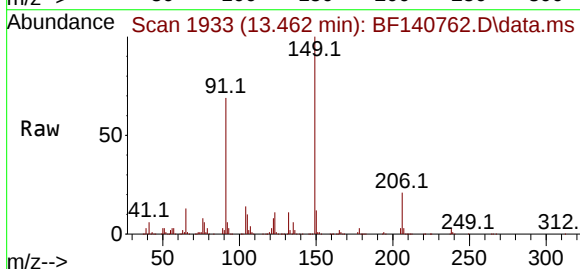
Tgt Ion:149 Resp: 392953

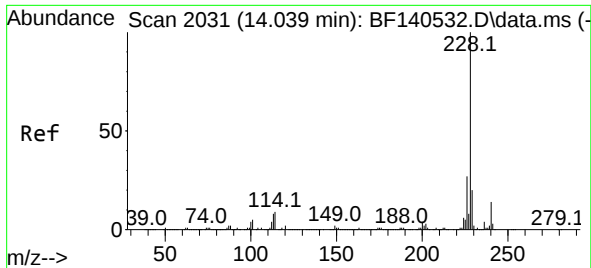
Ion Ratio Lower Upper

149 100

91 69.2 56.2 84.2

206 21.2 16.4 24.6

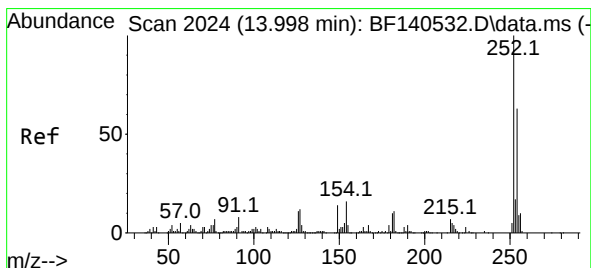
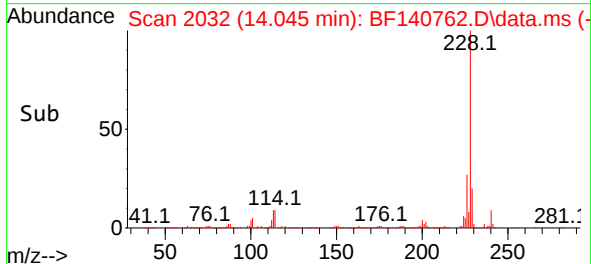
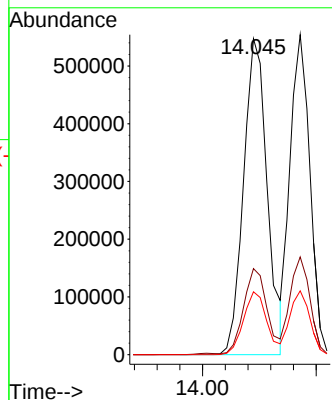
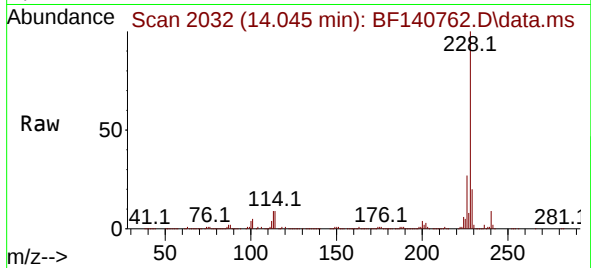




#81
Benzo(a)anthracene
Concen: 49.760 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

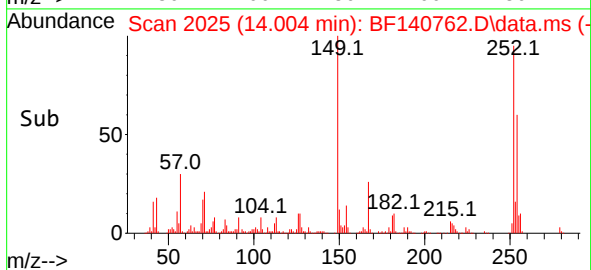
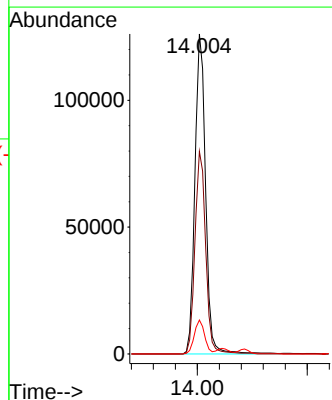
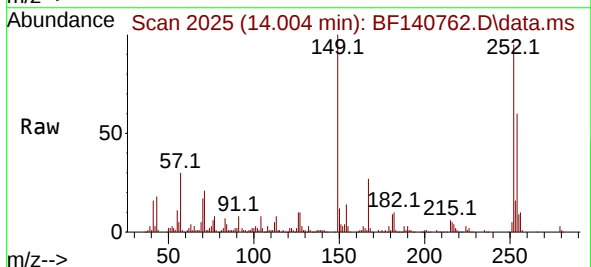
Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:228 Resp: 790541
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.616 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:252 Resp: 169885
Ion Ratio Lower Upper
252 100
254 63.3 50.8 76.2
126 10.6 8.6 13.0





#83

Chrysene

Concen: 46.575 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

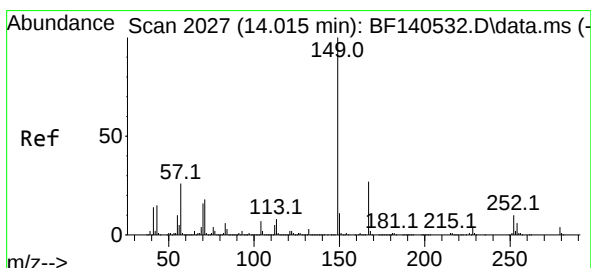
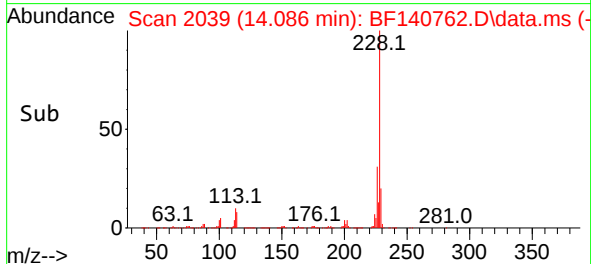
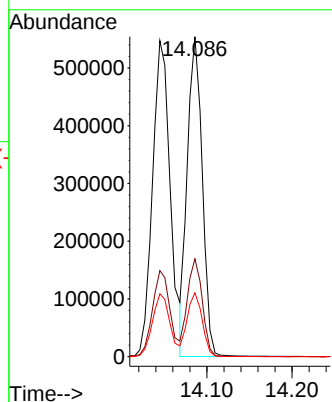
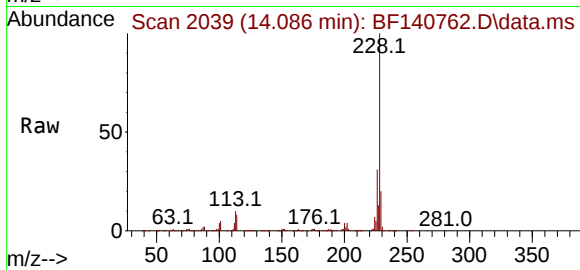
Tgt Ion:228 Resp: 676595

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.385 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

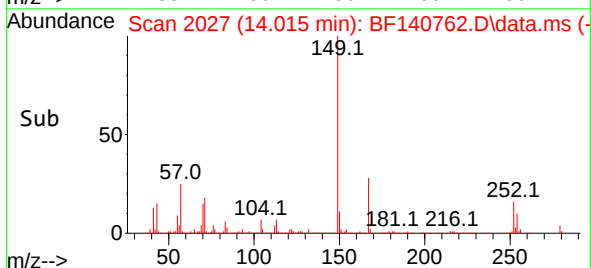
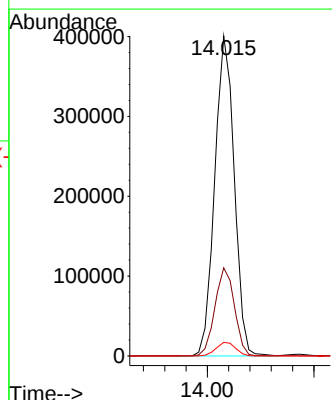
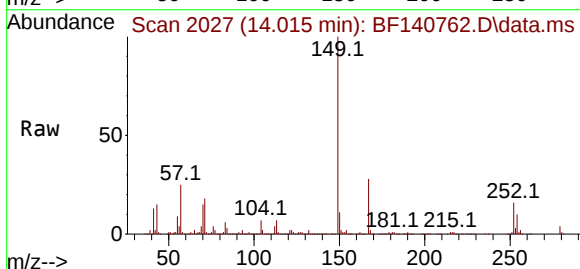
Tgt Ion:149 Resp: 508592

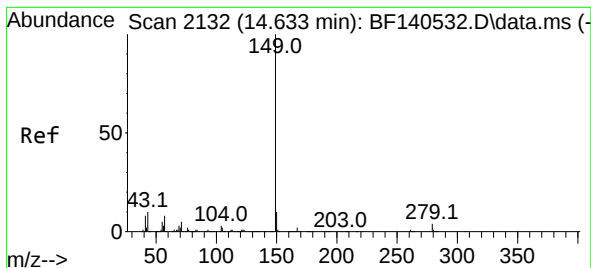
Ion Ratio Lower Upper

149 100

167 27.6 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.515 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

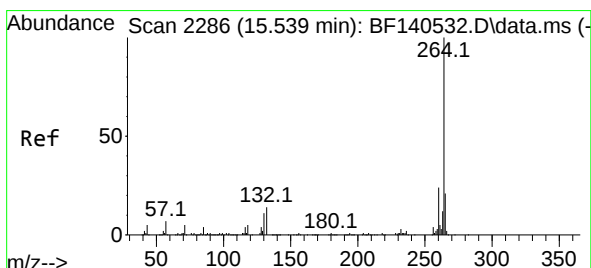
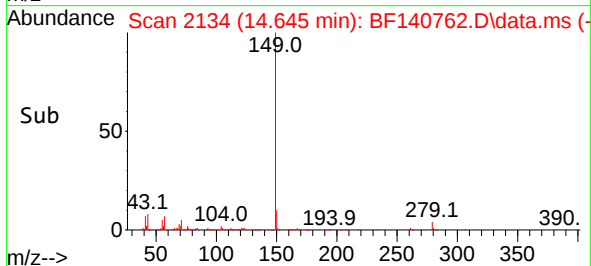
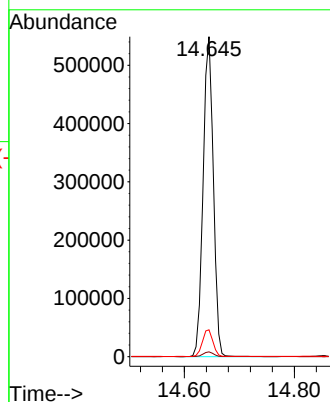
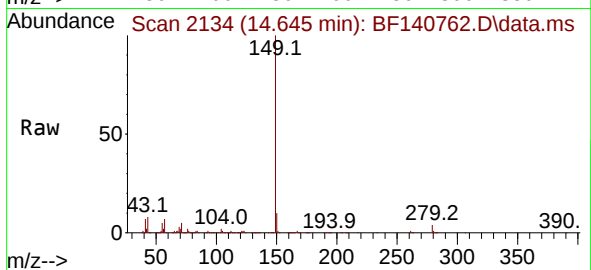
Tgt Ion:149 Resp: 710648

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

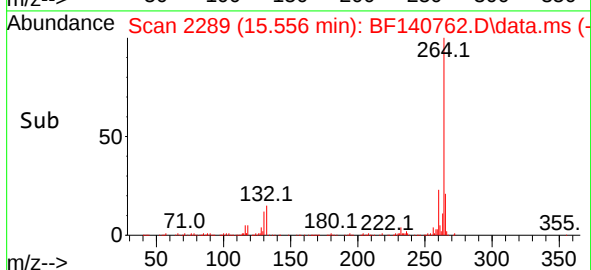
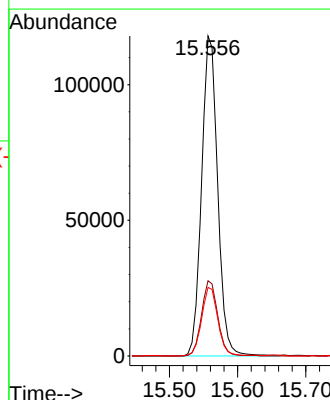
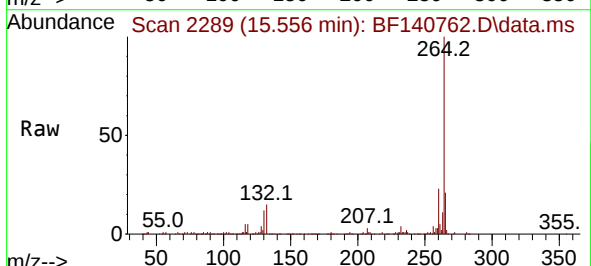
Tgt Ion:264 Resp: 193248

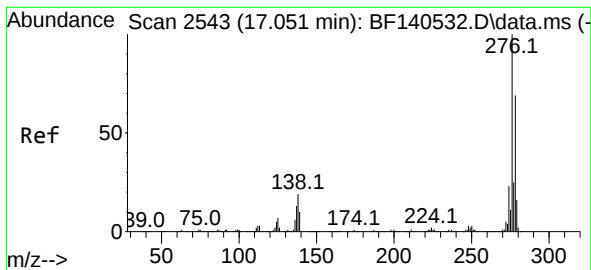
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.948 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

Instrument :

BNA_F

ClientSampleId :

PB165423BS

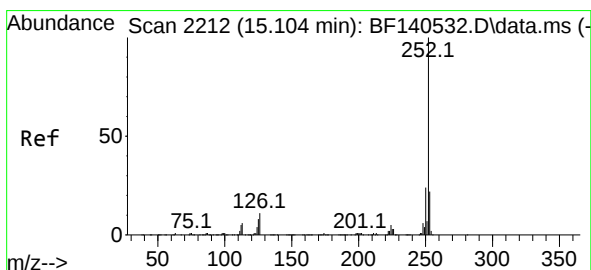
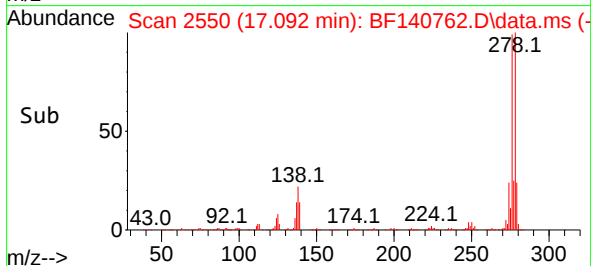
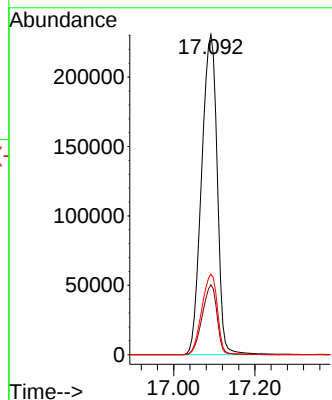
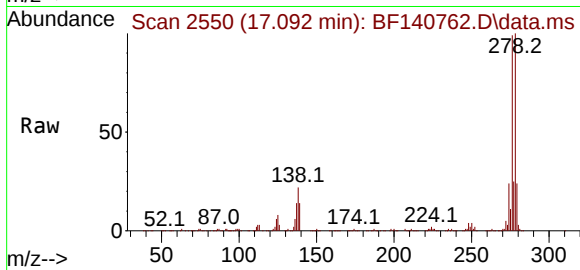
Tgt Ion:276 Resp: 616440

Ion Ratio Lower Upper

276 100

138 20.8 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.988 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140762.D

Acq: 06 Dec 2024 13:16

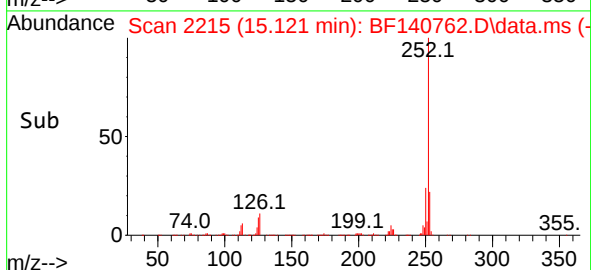
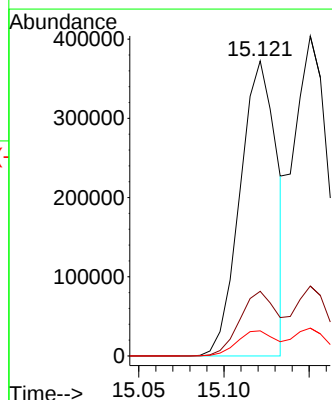
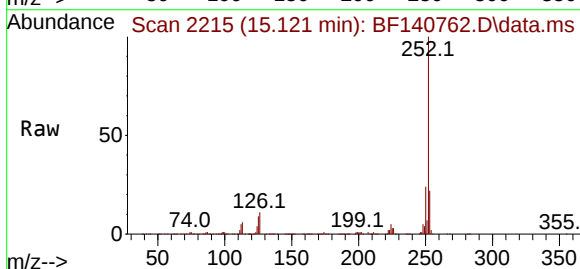
Tgt Ion:252 Resp: 558213

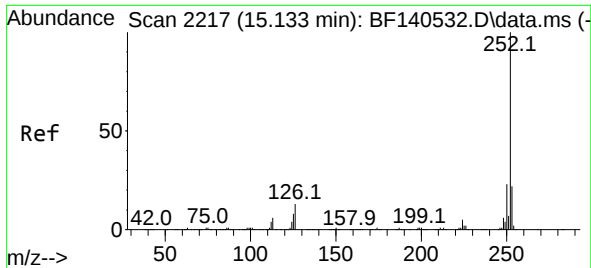
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.5 6.7 10.1

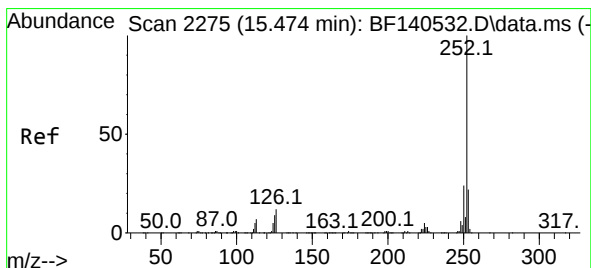
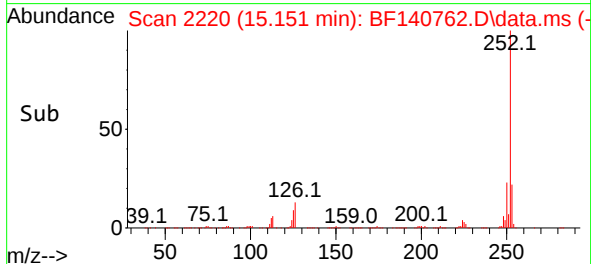
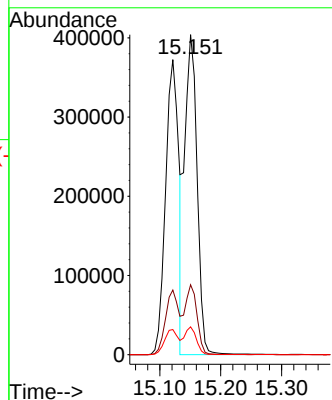
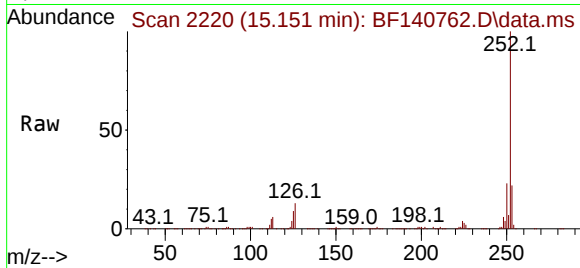




#89
Benzo(k)fluoranthene
Concen: 53.695 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

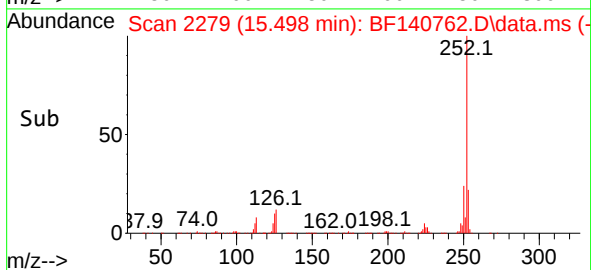
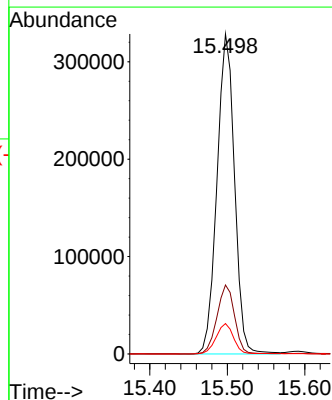
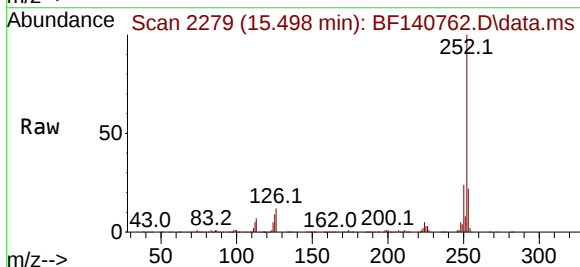
Instrument :
BNA_F
ClientSampleId :
PB165423BS

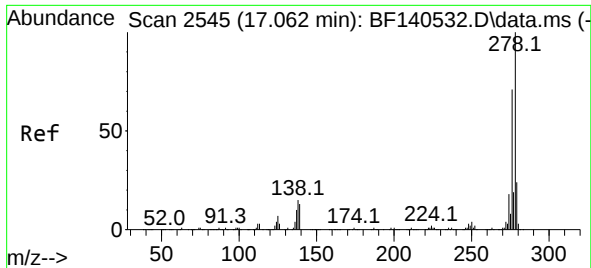
Tgt Ion:252 Resp: 570351
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.7 6.5 9.7



#90
Benzo(a)pyrene
Concen: 52.340 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.023 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:252 Resp: 516562
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.5 7.0 10.6

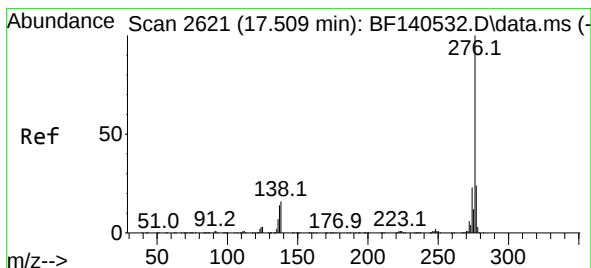
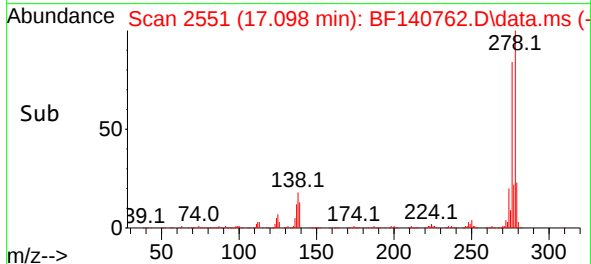
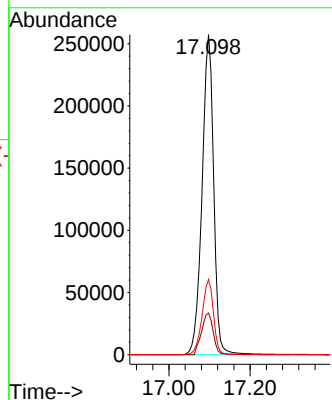
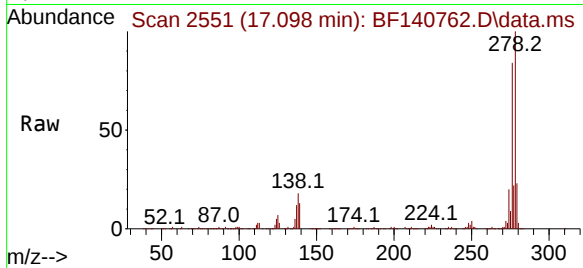




#91
Dibenzo(a,h)anthracene
Concen: 49.583 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Instrument :
BNA_F
ClientSampleId :
PB165423BS

Tgt Ion:278 Resp: 511387
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 44.424 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.035 min
Lab File: BF140762.D
Acq: 06 Dec 2024 13:16

Tgt Ion:276 Resp: 467548
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 17.8 13.2 19.8

